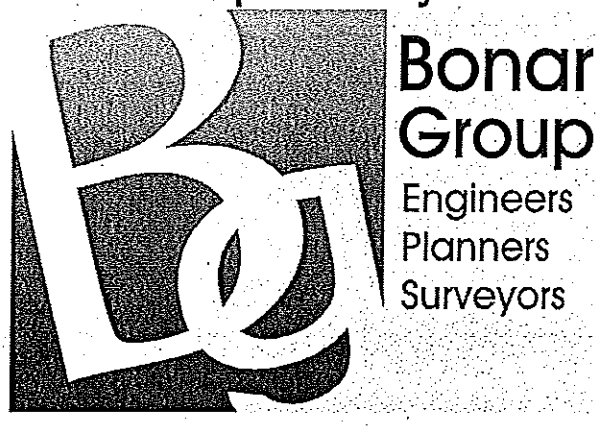
Stormwater Quality Management Plan
Part C
Program Implementation Certification

For

Huntington, Indiana

Prepared by:



October 29, 2004

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Chapter 1 – Existing Stormwater Quality Management Overview

1.0 Initial Evaluation of Huntington's Stormwater Quality Management

This chapter describes the City of Huntington's stormwater quality management efforts prior to the development and implementation of the proposed Stormwater Quality Management Plan (SWQMP) provided in the following chapters.

The following subsections are summaries of the material presented in the City of Huntington's Part B submittal.

1.1 Current Stormwater Management

The Huntington Stormwater Management Board was formed in 1996. The Board is controlled by three appointed Board members. The purpose of the Board is to allow the local government to respond to stormwater problems, establish a plan for collecting and disposing of stormwater, and creating alternative by which to finance the handling of stormwater.

Prior to the development of the Stormwater Quality Management Plan, the Huntington Stormwater Management Board did not have a Stormwater Quality Ordinance.

1.2 MS4 Area Boundary Narrative

The MS4 Area boundary is defined as the City of Huntington's corporate limits. The MS4 Area Boundary Narrative Summary can be found in **Appendix A**. The mapped boundary of the MS4 area is shown on the MS4 Conditions Map, **Appendix B**.

1.3 Watersheds

United States Geological Survey National Hydrogeological Database was used and four primary watersheds were identified within the City's corporate limits. The 14-digit hydrogeological unit codes (HUCs) and the names for the watersheds are:

1. No. 05120101120050: Little River – Flint Creek
2. No. 05120101130030: Clear Creek Church
3. No. 05120101140010: Wabash River – Silver Creek – Neiman Creek
4. No. 05120101090020: Wabash River – Huntington Waterworks

1.4 Receiving Streams

The following water bodies were identified in the Part B submittal as receiving streams. There have been no changes since that submittal.

1. Little River
2. Wabash River
3. Flint Creek (on the north side of the City)

1.5 Outfalls

There are no known stormwater outfalls identified.

1.6 Estimate of the linear feet of MS4, segregated by conveyance type

The City of Huntington has estimated that there are approximately 2,000,000 linear feet (380 miles) of pipes and 135,155 linear feet (26 miles) of ditches. Therefore, the MS4 Conveyance system is approximately 401 miles in length.

1.7 Description of Current Structural BMPs

The City of Huntington has two municipally owned retention basins. The retention basins are located at Memorial Park and the Industrial area near Hauenstein Road. Each of the retention areas has riprap areas to control erosion during overflow. The retention basins are effective in slowing down the discharge rate from its watershed. Slowing down the discharge rate can prevent erosion from high water velocities down stream. This BMP can improve water quality because it tends to remove pollutants before they leave the retention basin area. Also this BMP can improve water quality because it does not create additional pollutants by causing downstream erosion.

In addition, catch basins are located throughout the Huntington storm sewer system. These catch basins are designed to allow sediment and other heavy materials to drop out of the stormwater before they are conveyed along the storm sewer. This BMP can improve water quality because it does not allow some pollutants to be transported through the conveyance system and into a receiving stream.

1.8 Current Land Uses

Industrial Areas: The industrial areas identified are shown on the MS4 Conditions Map within **Appendix B**. These will be visually monitored for potential pollutants during the ongoing characterization of this plan. Additional data gathering from monitoring points along the receiving streams may generate additional key observations.

Agricultural Areas: The agricultural areas investigated are shown on the MS4 Conditions Map within **Appendix B**. These areas will be visually monitored for potential pollutants during the ongoing characterization of this plan. As data is

gathered from monitoring points along the receiving streams, additional key observations may be generated.

Existing Monitoring Points: Existing monitoring points and monitoring data were evaluated. It was found that the existing monitoring points and their corresponding data do not allow for conclusions to be made about land usage and their effect on stormwater quality. Additional monitoring points and additional water testing associated with these monitoring points is proposed. Proposed monitoring locations are shown on the MS4 Conditions Map, **Appendix B.**

1.9 Sensitive Areas

The Wabash and Little Rivers may need added water quality protection considerations. While they are not listed as "Outstanding State Resource Waters" by the Natural Resources Commission, they are both listed on Indiana's "Outstanding Rivers List."

These potentially sensitive areas are shown on the MS4 Conditions Map in **Appendix B.**

1.10 Areas Having Reasonable Potential for Causing Water Quality Problems

Correlative conclusions between existing water quality data and potential problem areas could not be made from the existing data that was gathered and analyzed. Monitoring point locations were recommended in an effort to gather more useful data. With the new data, identifying water quality problem areas should be possible by the end of this 5-year permit term.

The City's ordinances establish legal authority to carry out such activities as inspection, surveillance, and monitoring or enforcement procedures necessary to ensure compliance with the minimum control measures (MCMs) identified below.

1.11 Identification of Areas Causing Stormwater Pollution from Existing Water Quality Data

Existing water quality data was inconclusive; therefore, areas suspected of causing stormwater pollution could not be identified. Monitoring point locations were recommended in an effort to gather more useful data. With the new data, identifying areas causing stormwater pollution should be possible in this 5-year permit term.

Chapter 2 – Proposed Stormwater Quality Management Plan

2.0 Purpose

The purpose of a Stormwater Quality Management Plan (SWQMP) in Phase II of the U.S. Environmental Protection Agency's (EPA) stormwater program originates from the 1990 Clean Water Act (CWA) which aims to preserve, protect and improve the Nation's water resources from polluted stormwater run-off. A SWQMP requires the institution of controls on the unregulated sources of stormwater discharges, otherwise referred to as non-point source pollutants that have proven to be the greatest cause to the impairment of our Nation's water resources.

2.1 Governing Authority

The Huntington Stormwater Management Board will continue to serve as the managers and overall governing authority of the City of Huntington's Stormwater Quality Management Plan. In addition to the Board, the Mayor, the Huntington Utility Departments, and the City's Street Department will also be included as major stakeholders in the development, implementation, and maintenance of the proposed Stormwater Quality Management Plan.

2.2 Minimum Control Measures and their Measurable Goals

The Huntington Stormwater Quality Management Plan (SWQMP) includes six minimum control measures (MCMs): (1) public education and outreach; (2) public participation and involvement; (3) illicit discharge detection and elimination; (4) construction site stormwater run-off control (which is also referred to as erosion control); (5) post-construction run-off control; and (6) pollution prevention and good housekeeping. These minimum control measures aim to preserve, protect and improve Huntington's water resources with respect to polluted stormwater run-off.

Providing outreach and educating the public helps to ensure greater support by the public and greater compliance with the SWQMP itself. The public education and outreach program, outlined in Chapter 3, aims to increase the number of persons residing within the corporate limits of Huntington that are educated about stormwater quality by 5%. The goal is to achieve the 5% increase by the end of the 5-year permit term.

An active and involved community is crucial to the success of a stormwater management program because it allows for: broader public support by giving citizens partial responsibility of the program; shorter implementation schedules; a broader base of expertise and economic benefits; and a lead into other programs. The public participation and involvement program, outlined in Chapter 4, aims to increase the number of persons residing within the corporate limits of Huntington that participate in stormwater quality programs by 5%. The goal is to achieve the 5% increase by the end of the 5-year permit term.

Recognizing the adverse effects illicit discharges can have on receiving waters, Chapter 5 allows the MS4 Operator to detect and eliminate illicit discharges by gaining a thorough awareness of the entire stormwater sewer system. The illicit discharge detection and elimination program aims to reduce the amount of stormwater pollution caused by illicit discharges within the corporate limits of Huntington by 10%. The goal is to achieve the 10% reduction by the end of the 5-year permit term.

Construction site stormwater management in areas undergoing new development or redevelopment is necessary to keep polluted stormwater run-off from entering the MS4 conveyances that discharge into the City of Huntington receiving waters. The construction site run-off control program, outlined in Chapter 6, aims to reduce the amount of total suspended solids leaving individual construction sites by 80%. The goal is to achieve the 80% reduction during the construction period of any new development required to gain local approval.

Similarly, post-construction stormwater management in areas undergoing new development or redevelopment is necessary to keep run-off from entering the MS4 conveyances that discharge into the City of Huntington's receiving waters. The post-construction stormwater run-off control program, outlined in Chapter 7, aims to reduce the amount of total suspended solids leaving any new site development or redevelopment after construction by 80%. The goal is to achieve the 80% reduction for all new site developments required to gain local approval.

The pollution prevention and good housekeeping measure is meant to improve or protect receiving water quality by altering municipal facilities operations. The pollution prevention and good housekeeping program, outlined in Chapter 8, aims to reduce the amount of stormwater pollution currently caused within operational areas of Huntington by 10%. The goal is to achieve the 10% reduction by the end of the 5-year permit term.

2.3 Narrative Summary of Structural BMPs Allowed for New Development & Redevelopment

The following structural BMPs are proposed to be allowed for new development and redevelopment. The goal of these structural BMPs is to prevent 80% of the total suspended solids (TSS) leaving any new development or redevelopment construction site from entering the City's conveyance system.

Stormwater Ponds: Stormwater ponds are constructed stormwater retention basins with a permanent pool (or micropool) of water. Runoff from each rain event is captured and treated in the pool. This includes wet ponds; wet extended detention ponds; micropool extended detention ponds; and multiple pond systems.

Detention Basins (Dry): A dry detention basin is an area used to detain stormwater for a relatively short period of time. The area should be dry between storms. The basin allows for particles and pollutants to settle out of stormwater.

Catch Basins: Catch basin inserts are small filtering devices installed in each catch basin to trap suspended solids and other pollutants. Catch basin inserts are available in a variety of designs.

Stormwater Wetlands: Stormwater wetlands are constructed, artificial wetland systems used for stormwater management. They consist of a combination of shallow marsh areas, open water and semi-wet areas above the permanent pool. This includes shallow wetlands; extended detention wetlands; pond/wetland systems; and pocket wetlands.

Bioretention Areas: Bioretention areas are shallow stormwater basins or landscaped areas that utilize engineered soils and vegetation to capture and treat stormwater run-off.

Sand Filters: Sand filters are multi-chamber structures designed to treat stormwater run-off through filtration using a sand bed as its primary filter media. This includes surface sand filters and perimeter sand filters.

Water Quality Swales: Water quality swales are vegetated open channels that are designed and constructed to capture and treat stormwater run-off within dry cells. This includes dry swales.

Biofilters: Biofilters provide some filtering capabilities however they cannot meet the 80% TSS reduction goal and must therefore be used only as pretreatment measures or as part of a treatment train. This includes filter strips and grass channels.

2.4 Narrative Summary of Structural BMP Selection Criteria

The following are selection criteria for structural BMPs are allowed for new development and redevelopment. Again, the goal of these structural BMPs is to prevent 80% of the total suspended solids (TSS) leaving any new development or redevelopment construction site from entering the City's conveyance system.

Development of Open Land: The following BMPs are appropriate when developing individual lots of open land for commercial strips, light industry, and institutions: bioretention; wet ponds; detention basins; artificial wetlands; sand filters; water quality swales; catch basins; and biofilters. Again, biofilters may only be used in combination with other appropriate BMPs in order to obtain a percentage reduction goal of 80%.

The following BMPs are appropriate when developing open land for commercial or industrial subdivisions: wet ponds; detention basins; and wetlands.

The following BMPs are appropriate when developing open land for residential properties: bioretention; wet ponds; detention basins; artificial wetlands; water quality swales; and biofilters.

Redevelopment of a Commercial Building or Strip with Medium Imperviousness: The following BMPs are appropriate when redeveloping a commercial building or

strip with medium imperviousness into another commercial development or strip: bioretention; sand filters; catch basins; wet ponds; detention basins; and wetlands.

Redevelopment of a Commercial Building or Strip that is Small or has High Imperviousness: The following BMPs are appropriate when redeveloping a commercial building or strip that is small or has high imperviousness into another commercial development or strip: bioretention; sand filters; and catch basins.

Redevelopment of Transportation Infrastructure: The following BMPs are appropriate when increasing or expanding transportation infrastructure: water quality swales; wet ponds; detention basins; artificial wetlands; and catch basins.

Allowed BMPs, selection criteria for appropriate BMPs and performance standards for individual BMPs are discussed in more detail in the City's Development Standards Manual.

2.5 Schedule for On-going Receiving Water Characterization

The characterization of Huntington's receiving waters was inconclusive given that past testing locations, monitoring parameters, monitoring frequency, and monitoring protocol were inconsistent. Therefore, the following is the proposed monitoring program to establish a baseline for the quality of the City's receiving streams.

Locations: Locations of monitoring points were developed based on land use information in relation to the receiving stream locations. Monitoring points were developed in a manner so that the data will cover significant stretches of the receiving streams. The purpose of the layout of the monitoring points is to first collect data over a large area. Then, collected data will be analyzed to further associate particular land uses with stormwater pollution. Monitoring points may be changed in the future to gain a better understanding of more specific areas.

There is at least one monitoring point for each receiving stream. If a receiving stream begins within Huntington's corporate limits, the receiving stream only has one monitoring point. If a receiving stream begins outside of Huntington's corporate limits, a monitoring point was established nearest a point that the receiving stream enters Huntington's corporate limits. A second monitoring point was established for the same receiving stream at a point where the receiving stream leaves the corporate limits.

Proposed Monitoring Locations

Monitoring Point	Receiving Stream	Location on Receiving Stream
1	Little River (Upper)	At the Meridian Street Bridge between the corporate limits and the unincorporated industrial park
2	Little River (Lower)	Inside the corporate limits at the S.R. 9 bridge before the confluence with the Wabash River
3	Wabash River (Upper)	Just inside the corporate limits at the Etna Street bridge
4	Wabash River (Lower)	Outside the corporate limits at the Rangeline bridge after the confluence with the Little River
5	Flint Creek (Upper)	At the U.S. 24 crossing just outside the corporate limits
6	Flint Creek (Lower)	Just before the confluence with the Little River

The proposed monitoring locations are identified on the MS4 Conditions Map, **Appendix B**.

Parameters: The parameters on the following page will be tested at each location for each testing event.

Proposed Monitoring Parameters

Parameter	Unit	Sample
Oil and grease	mg/l	grab
CBOD5 (Carbonaceous biochemical oxygen demand)	mg/l	grab
COD (Chemical oxygen demand)	mg/l	grab
TSS (Total suspended solids)	mg/l	grab
TKN (Total Kjeldahl nitrogen)	mg/l	grab
Total phosphorous	mg/l	grab
pH	s.u.	grab
NH_3 (Ammonia)	mg/l	grab
Nitrate plus nitrite nitrogen	mg/l	grab
E.coli	Colonies/100mL	grab
DO (Dissolved Oxygen)	mg/l	grab
Total Cadmium	mg/l	grab
Hardness - Calcium Carbonate	mg/l	grab
Total Zinc	mg/l	grab
Arsenic	mg/l	grab
Total Copper	mg/l	grab
Total Lead	mg/l	grab
Total Mercury	mg/l	grab
Total Nickel	mg/l	grab

Frequency: Monitoring will be conducted starting in May of 2005 and will continue on an annual basis each May for the duration of the City's NPDES permit. Monitoring will include one dry weather sample and one wet weather sample for each of the six sampling locations.

Protocol: All six dry weather samples will be taken on the same day. A dry weather sample should be taken after a minimum of four days without rainfall. The six wet weather samples will be taken within 24 hours of the end of the rain event.

2.6 Narrative Summary of the Current & Projected Stormwater Budget

Current financing of stormwater projects originates from Huntington's Stormwater Utility funds with assistance from other city eligible funds. Ultimately all financing will be provided by anticipated funds from the Civil City General Funds, and the stormwater Management User Fee. The following is the projected stormwater budget for the City of Huntington. Each fee includes professional fees, municipal wages and benefits, as well as reproduction costs.

1. Public Education and Outreach: $10,000
2. Public Participation and Involvement: $10,000
3. Illicit Discharge Detection and Elimination: $10,000
4. Construction Site Run-off Control (Erosion Control): $12,000
5. Post-Construction Run-off Control: $10,000
6. Pollution Prevention and Good Housekeeping; $20,000
7. On-Going Water Quality Characterization: $10,000
8. Other: $30,000

2.7 Timetable for Program Implementation

The table on the following page identifies the milestones fully implementing the requirements set forth in Rule 13. A copy of 327 IAC 15-13 is included in **Appendix C**. Rule 327 IAC 15-5 (Rule 5) is referenced in Rule 13. A copy of Rule 5 is included in **Appendix D**. In addition, there are 5-year implementation schedules for each of the activities, programs and controls proposed in each of the minimum control measure chapters, Chapters 3-8.

Implementation Schedule

Rule 13 Requirement	Milestones*
Storm Water Quality Management Plan:	Components throughout term of permit
Part A: Initial Application submitted	With NOI letter
Part B: Baseline Characterization and Report submitted	May 1, 2004
Part C: Program Implementation submitted	October 29th, 2004
Public Education and Outreach MCM implementation:	Throughout term of permit
Public education and outreach program development certification submitted	October 29th, 2004
Public Involvement/Participation MCM implementation:	Throughout term of permit
Public involvement and participation program development certification submitted	October 29th, 2004
Illicit Discharge Detection/Elimination MCM implementation:	Throughout term of permit
Illicit discharge plan and regulatory mechanism certification submitted	October 29th, 2004
25% of storm water outfalls systems mapped	Each year after October 29th, 2004
All known storm water outfall systems, with pipe diameters 12 inches or greater or open ditches with 2 feet or larger bottom width, mapped	October 29th, 2008
Construction Site Run-Off Control MCM implementation:	Throughout term of permit
Construction site program plan and regulatory mechanism certification submitted	October 29th, 2004
Post-construction Run-Off Control MCM implementation:	Throughout term of permit
Operational and maintenance plan certification submitted	October 29th, 2005
Post-construction program plan and regulatory mechanism certification submitted	October 29th, 2005
Municipal operations pollution prevention and good housekeeping MCM implementation:	Throughout term of permit
Operations pollution prevention program development certification submitted	October 29th, 2004

*Compliance deadlines have been set based on the date in which IDEM received Huntington's NOI Letter. This occurred on October 31, 2003.

2.8 Programmatic Indicators

The following table identifies the party or parties with which the MS4 Operator will correspond with in order to obtain all of the information necessary to include each programmatic indicator in the annual report to IDEM.

The MS4 Operator is responsible for contacting the following responsible parties to inform them of their duties to track the corresponding measurable goals at the beginning of each permit year. It is then the responsibility of each party listed to provide the MS4 Operator with the information that they have tracked each year.

Programmatic Indicator	Chapter Section	Affected Parties
i) Number or percentage of citizens that have an awareness of stormwater quality issues	3.1 Initial Assessment of Constituents	MS4 Operator
ii) Number and description of meetings, training sessions, and events conducted to involve citizens.	3.2 Public Education Program	MS4 Operator, Engineering Dept, Water Dept, Street Dept, WPC, Police Dept, Fire Dept
ii) Number and description of meetings, training sessions, and events conducted to involve citizens. iii) Number and percentage of citizens that participate in stormwater quality improvements projects	4.2 Public Participation and Involvement	MS4 Operator, Engineering Dept,
iv) Number and location of storm drains marked or cast	4.2.1 Storm Drain Stenciling	MS4 Operator, Engineering Dept
x) Number of, and estimated amount of material collected from HHW collection xi) Number and location of citizen drop-off centers for automobile fluids xii) Number or percentage of citizens that participate in HHW collections	4.2.4 Household Hazardous Waste Collection	MS4 Operator, Solid Waste Manager

Programmatic Indicator	Chapter Section	Affected Parties
xvi) Number of public informational requests received related to construction sites	4.2.5 Incident Reporting	Engineering Dept
v) Estimated or actual linear feet of percentage of MS4 conveyances mapped vi) Number and location of MS4 area outfalls mapped	5.1 Development of a MS4 Conveyance Map	Engineering Dept
vii) Number and location of MS4 area outfalls screened for illicit discharges viii) Number and location of illicit discharges detected ix) Number and location of illicit discharges eliminated	5.3 Development of a Detection and Elimination of Illicit Discharges Plan	MS4 Operator, WPC
xiii) Number of construction sites permitted for stormwater quality xiv) Number of construction sites inspected xv) Number and type of enforcement actions taken against construction site operators	6.2 Site Plan Review Process (Construction)	Engineering Dept

Programmatic Indicator	Chapter Section	Affected Parties
xvii) Number, type and location of structural BMPs installed xviii) Number, type and location of structural BMPs inspected xix) Number, type and location of structural BMPs maintained, or improved, to function properly xx) Type and location of nonstructural BMPs utilized xxi) Estimated acreage or square footage of open space preserved and mapped xxii) Estimated acreage or square of mapped pervious and impervious surfaces xxiii) Number and location of retail gasoline outlets or municipal, state, federal, or institutional refueling areas with installed BMPs	7.2 Site Plan Review Process (Post-Construction)	MS4 Operator, Engineering Dept
iv) Number and location of storm drains marked or cast	7.4 Development of an Operational and Maintenance Plan for all Structural BMPs	MS4 Operator, Engineering Dept
xxvii) Estimated linear feet or percentage and location of MS4 conveyances cleaned or repaired xxxii) Estimated amount of material by weight collected from catch basin, trash rack, or other structural BMP cleaning.	8.1.2 Stormwater Structure Cleaning, Inspection and Maintenance	MS4 Operator, WPC

Programmatic Indicator	Chapter Section	Affected Parties
xxxiii) Estimated amount of material by weight collected from street sweeping	8.1.3 Pavement Sweeping	MS4 Operator, Street Dept, WPC
xxviii) Estimated linear feet or percentage and location of roadside shoulders and ditches stabilized	8.1.4 Roadside Shoulder and Ditch Stabilization	MS4 Operator, WPC
xxvi) Estimated linear feet or percentage and location of unvegetated swales and ditches that have an appropriately-sized vegetated filter strip	8.1.5 Roadside Vegetation Care	MS4 Operator, WPC
xxix) Number and location of stormwater outfall areas remediated from scouring conditions	8.1.6 Outfall Inspection, Cleaning and Maintenance	MS4 Operator, WPC
xxx) Number and location of de-icing salt and sand storage areas covered or otherwise improved to minimize storm water exposure xxxi) Estimated amount, in tons, of salt and sand used for snow and ice control	8.2.1 Salt and Sand Storage and Application	Street Dept
xxiv) Number and location of entity facilities that have containment for accidental releases	8.2.3 Containment Facilities for Accidental Pollution	MS4 Operator, Street Dept, Parks Dept
xxv) Estimated acreage or square footage and location where pesticides and fertilizers are applied by the regulated MS4 entity	8.2.7 Minimization of Pesticides and Fertilizer Usage	MS4 Operator, Street Dept, Parks Dept
xxxiv) Number or percentage and location of canine parks sited at least 150 feet away from a surface water body.	8.2.8 Proper Disposal of Animal Wastes	MS4 Operator, Parks Dept

Chapter 3 – Public Education and Outreach MCM

3.0 Introduction

This chapter describes the public education and outreach minimum control measure, one of six measures an operator of a Phase II-regulated small municipal separate storm sewer system (MS4) is required to include in its stormwater management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) stormwater permit.

According to the EPA, an informed and knowledgeable community is crucial to the success of a stormwater management program. Educating the public helps to ensure greater support by the public and greater compliance with the program itself.

Each education and outreach activity is accompanied by its own implementation schedule. The implementation schedule informs the MS4 Operator, and their designated personnel, of the tasks to complete for each year. The MS4 Operator will ask that the parties responsible for each education activity record and report annually on the items to be tracked so that the MS4 Operator may include them in the annual report to IDEM.

Measurable Goal: The public education and outreach program that follows aims to increase the number of persons residing within the corporate limits of Huntington that are educated about stormwater quality by 5%. The goal is to achieve the 5% increase by the end of the 5-year permit term.

3.1 Initial Assessment of Constituents

During the early stages of Huntington's Stormwater Quality Management Plan a Water Quality Survey (which covered both the constituents awareness of water quality issues and an inquiry about their level of participation in stormwater quality issues) was created and distributed to the City's constituents to comply with 327 IAC 15-13-12 Sec. 12 (c). In order to include every demographic in the City, this survey was mailed to every utility customer. A copy of the survey is included in **Appendix E.**

The Water Quality Survey was distributed in by separate mailer. The City was then instructed to obtain the completed surveys and forward them to Bonar Group to be analyzed.

Of the approximate 6,600 surveys that were sent out, 320 surveys were returned resulting in a 5% overall response rate. Ninety-four percent of the respondents identified themselves as residents of the community. While the majority of the surveys were filled out completely, a number of respondents skipped individual questions. This was taken into account in the final percentages used to assess the public's knowledge about water quality issues. Each question was analyzed independently of the total number of surveys returned. The number of respondents that left a question unanswered was subtracted from the total number

of respondents (320) in order to determine the percentage of recipients that did answer the respective question.

When asked whether or not the Wabash and Little River's are valuable resources, the majority of respondents (88%) agreed that they are, 3% disagreed, and 9% had no opinion. The following education and outreach program will need to, at a minimum, support the fact that the Wabash and Little River's are valuable resources to the City of Huntington.

When asked if they knew the name of the stream, river or ditch closest to their place of, residence the majority of respondents (72%) indicated that they did. Twenty-eight percent indicated that they did not. The following education and outreach program will need to, at a minimum, aid the citizens in the identification of the City's receiving streams and conveyance system.

When asked whether or not stormwater is treated before it enters the Huntington's conveyance system, 23% of Huntington's constituents that returned the survey believe that it is, 32% were unsure, and 45% correctly identified that stormwater is not treated before it enters the community's conveyance system. The following education and outreach program will need to, at a minimum, educate the public on the differences between storm sewers and sanitary sewers.

When asked whether or not improper fertilization, improperly changing one's oil, and the improper disposal of household hazardous waste, can negatively impact stormwater quality, the majority (84%, 81% and 94% respectively) of Huntington's respondents agreed that these activities could negatively impact stormwater quality. A smaller majority agreed that improperly washing one's vehicle (56%) and improperly disposing of pet waste (63%) could negatively impact stormwater quality. The following education and outreach program will need to, at a minimum, educate the public on proper fertilization, changing of one's oil and disposal of household hazardous wastes, but more importantly, proper car care and maintenance and the proper disposal of pet waste.

When asked to identify the primary source of stormwater pollution, the majority of respondents (67%) chose point source pollution, while only a small percentage (33%) correctly identified non-point source pollution. The following education and outreach program will need to, at a minimum, educate the public on non-point source pollution; its origin, why it is harmful to stormwater quality, and how to prevent it.

When asked to identify the City of Huntington's primary source of drinking water, the majority of respondents (80%) correctly identified groundwater. The following education and outreach program will need to, at a minimum, educate the public on the relationships between stormwater quality and its effects on groundwater.

Huntington's constituents will be re-evaluated on their knowledge of stormwater quality issues at the end of the 5-year permit term. This information should be used to assess, and if necessary, make changes to the public education and outreach program submitted for the next permit term.

3.2 Public Education Program

The following activities encompass the public education and outreach program for the constituents of the City of Huntington, who are otherwise referred to as the citizens of Huntington.

3.2.1 Stormwater Website

Much of the information placed on the Stormwater Website, which will be linked to the City's webpage, will be generated from existing sources pertaining to stormwater and water quality in general. Additional materials specific to local needs will be generated as necessary.

3.2.1.1 Implementation Schedule

The implementation of a stormwater website shall be the responsibility of the MS4 Operator whom will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the public education activity described above.

Year 2 (ending Nov 2005): Aided by the City's Engineering Department, research the development of a stormwater webpage to link to the City of Huntington's webpage

Year 3 (ending Nov 2006): Research stormwater material and work with the engineering department to design, creation and maintenance of the stormwater webpage. Update the contents of the webpage regularly throughout the year. Update all contact information pertaining to the Stormwater website.

Year 4 (ending Nov 2007): Update the website while adding at least one additional feature. Update all contact information pertaining to the Stormwater website.

Year 5 (ending Nov 2008): Update the website while adding at least one additional feature. Update all contact information pertaining to the Stormwater website.

3.2.1.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number of visitors; and
- Number of inquiries

3.2.2 Activity Book

Activity Books are typically produced with a target audience ranging from 2nd to 4th grade. The target audience for stormwater Activity Books will be 2nd graders within the City of Huntington.

The Allen County Activity Book is produced in both an English and a Spanish version. The City of Huntington is committed to distributing the most appropriate and feasible version of the Activity Book to it's 2nd graders on an annual basis.

3.2.2.1 Implementation Schedule

The implementation of Activity Books shall be the responsibility of the MS4 Operator whom will pursue the following schedule:

Year 1(ending Nov 2004): Approve the public education activity described above.

Year 2 (ending Nov 2005): Research estimated enrollments for the 2005/2006 school year, including a breakdown of Hispanic versus Non-Hispanic students. Purchase and distribute the Allen County Activity Book to each second grader within the City of Huntington. Research estimated enrollments for the following school year.

Year 3 (ending Nov 2006): Purchase and distribute the Allen County Activity Book to each second grader within the City of Huntington. Research estimated enrollments for the following school year.

Year 4 (ending Nov 2007): Purchase and distribute the Allen County Activity Book to each second grader within the City of Huntington. Research estimated enrollments for the following school year.

Year 5 (ending Nov 2008): Purchase and distribute the Allen County Activity Book to each second grader within the City of Huntington. Research estimated enrollments for the following school year.

3.2.2.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number of 2nd graders enrolled in the Huntington School District;
- Hispanic to Non-Hispanic student ratio; and

- Number of Activity Books distributed.

3.2.3 Brochures and Fact Sheets

Brochures and fact sheets pertaining to stormwater shall be collected from sources such as IDEM, IDNR and the EPA and distributed at festivals and events throughout the year.

3.2.3.1 Implementation Schedule

The implementation of brochures and fact sheets shall be the responsibility of the MS4 Operator whom will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the public education activity described above.

Year 2 (ending Nov 2005): Attend at least two events at which IDEM, IDNR and EPA materials (in the form of brochures and fact sheets) distributing them to the general public.

Year 3 (ending Nov 2006): Attend at least two events at which IDEM, IDNR and EPA materials (in the form of brochures and fact sheets) distributing them to the general public.

Year 4 (ending Nov 2007): Attend at least two events at which IDEM, IDNR and EPA materials (in the form of brochures and fact sheets) distributing them to the general public.

Year 5 (ending Nov 2008): Attend at least two events at which IDEM, IDNR and EPA materials (in the form of brochures and fact sheets) distributing them to the general public.

3.2.3.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number of events; and
- Number of brochures or fact sheets distributed.

3.2.4 Educational Displays

Educational displays will be made visible at local and countywide festivals and events.

3.2.4.1 Implementation Schedule

The implementation of educational displays shall be the responsibility of the MS4 Operator whom will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the public education activity described above.

Year 2 (ending Nov 2005): Identify and confirm, at a minimum, two non-traditional, high traffic areas (i.e. vacant store fronts, the library, the mall, etc.) and four festivals or events to place educational displays.

Year 3 (ending Nov 2006): Display educational displays at a minimum of four public events. Identify a third and fourth non-traditional, high traffic area and update the displays. Rotate displays located at non-traditional, high traffic areas seasonally, or as otherwise permitted by the property owner.

Year 4 (ending Nov 2007): Display educational displays at a minimum of four public events. Update the displays. Rotate displays located at non-traditional, high traffic areas seasonally, or as otherwise permitted by the property owner. Year 5 (ending Nov 2008): Display educational displays at a minimum of four public events. Identify a fifth non-traditional, high traffic area and update the displays. Rotate displays located at non-traditional, high traffic areas seasonally, or as otherwise permitted by the property owner.

3.2.4.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Location of displays; and
- The duration the display is exhibited.

3.2.5 Stormwater Presentations

The Stormwater Board will make an annual presentation to the City Council. Speakers from outside organizations may be contacted as necessary to assist with technical workshops.

3.2.5.1 Implementation Schedule

The implementation of stormwater presentations shall be the responsibility of the MS4 Operator whom will pursue the following schedule:

Year 1(ending Nov 2004): Approve the public education activity described above.

Year 2 (ending Nov 2005): Develop a contact list of possible topics and speakers. Organize at least two presentations. Update contact list of possible topics and speakers.

Year 3 (ending Nov 2006): Organize at least two presentations. Update contact list of possible topics and speakers.

Year 4 (ending Nov 2007): Organize at least two presentations. Update contact list of possible topics and speakers.

Year 5 (ending Nov 2008): Organize at least two presentations. Update contact list of possible topics and speakers.

3.2.5.2 Items to be Tracked

The following item will be recorded on the corresponding reporting form located at the end of this chapter.

- Attendance of the presentation.

3.2.6 News Articles

There are several newsletters, such as the Southside Business, distributed throughout the City of Huntington, as well as the Herald Press, a local newspaper. News articles will be prepared and incorporated into these existing news sources to inform the public on various stormwater issues, including meetings and events, occurring within the City of Huntington. They may also expand to include meetings and events occurring within Huntington County, as well.

3.2.6.1 Implementation Schedule

The implementation of news articles shall be the responsibility of the MS4 Operator whom will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the public education activity described above.

Year 2 (ending Nov 2005): Compile a list of possible publications willing to feature stormwater articles including the number of publications a year for each. Make note of how many issues per year each publication would be willing to feature stormwater articles.

Year 3 (ending Nov 2006): Publish at least one article, placing it in as many different publications as possible.

Year 4 (ending Nov 2007): Update the list of possible publications and publish at least one article, placing it in as many different publications as possible.

Year 5 (ending Nov 2008): Update the list of possible publications and publish at least one article, placing it in as many different publications as possible.

3.2.6.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number of publications featuring each article; and
- Estimated readership for each publication.

3.3 Consistency with the Long Term Control Plan (LTCP)

The City of Huntington's Long Term Control Plan was reviewed for its public education component to ensure that the public education efforts of this Stormwater Management Plan were neither in conflict with, nor duplicating the efforts of the City's LTCP.

Public educational efforts associated with the LTCP focus on informing the community about CSO activity during wet weather events and the need for a LTCP. Therefore, the Stormwater Quality Management Plan is not in conflict with, nor is it duplicating the educational efforts set forth in the LTCP. Conversely, the public education efforts of this SWQMP, which aims to educate the public on stormwater quality issues as a result of impervious surfaces and non-point source pollution, compliment the efforts of the LTCP.

3.1 Water Quality Survey Reporting Form

Date	Est. Number of Constituents Reached	Response Rate

Summary of the Water Quality Survey Analysis

3.2.1 Stormwater Website Reporting Form

Date	Number of Visitors To-Date	Number of Inquiries (if available)
Subtotal		

3.2.2 Activity Book Reporting Form

Date of Distribution	Class Size	Non-Hispanic to Hispanic Student Ratio	Number of Activity Books Distributed
Subtotal			

3.2.3 Brochures and Fact Sheets Reporting Form

Date of Event	Description of the Brochure or Fact Sheet Distributed	Est. Number of Brochures or Fact Sheets Distributed

Subtotal _____

3.2.4 Educational Displays Reporting Form

Date of Event or Set Up of Display	Location of Display	Duration the Display is Exhibited

3.2.5 Stormwater Presentation Reporting Form

Date of Presentation	Presentation Topic(s)	Public Attendance

3.2.6 News Article Reporting Form

Date of Publication	Topic of Interest	List of Featuring Publications	Est. Readership

INCIDENT REPORTING LOG: Illicit Discharges and Spills

Name: _____ Date: _____

Phone Number: _____ Time: _____

Organization/Address: _____

Re: ☐ Illicit Discharge ☐ Spill

Remarks: _____

Action to be taken as a result of this conversation or message:

Signed _____

INCIDENT REPORTING LOG: Construction Activity

Name: _____ Date: _____

Phone Number: _____ Time: _____

Organization/Address: _____

Re: ☐ Inquiry ☐ Concern ☐ Request for Information

Remarks: _____

Action to be taken as a result of this conversation or message:

Signed _____

Chapter 4 – Public Participation and Involvement MCM

4.0 Introduction

The public participation and involvement minimum control measure is the second of six measures the operator of a Phase II regulated small municipal separate storm sewer system (MS4) is required to include in its stormwater management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit.

According to the EPA, the public can provide valuable input and assistance to a regulated small MS4's municipal stormwater management program and, therefore, requires that the public be given opportunities to play an active role in both the development and implementation of the program. An active and involved community is crucial to the success of a stormwater management program because it allows for: broader public support by giving citizens partial responsibility of the program; shorter implementation schedules; a broader base of expertise and economic benefits; and a lead into other programs.

Like the previous chapter, each participation and involvement activity is accompanied by its own implementation schedule. The implementation schedule informs the MS4 Operator, and their designated personnel, of the tasks to be completed each year. The MS4 Operator will require that the parties responsible for each participation activity record and report annually on the items to be tracked so that the MS4 Operator may include them in the annual report to IDEM.

Measurable Goal: The public participation and involvement program that follows aims to increase the number of persons residing within the corporate limits of Huntington that participate in stormwater quality programs by 5%. The goal is to achieve the 5% participation increase by the end of the 5-year permit term.

4.1 Initial Assessment of Constituents

As was stated in Chapter 3, the early stages of Huntington's Stormwater Quality Management Plan included a Water Quality Survey. A copy of the survey is included in **Appendix E**.

Also stated in Chapter 3, of the approximate 6,600 surveys that were sent out, 320 surveys were returned resulting in a 5% overall response rate. While the majority of the surveys were filled out completely, a number of respondents skipped individual questions. This was taken into account in the final percentages used to assess the public's knowledge about water quality issues. Each question was analyzed independently of the total number of surveys returned. The number of respondents that left a question unanswered was subtracted from the total number of respondents (320) in order to determine the percentage of recipients that did answer the respective question.

When asked how often they attended festivals and events, such as the 4-H Fair, that are known to address environmental issues the majority of recipients responded by saying that they sometimes or rarely attend (56%). None of the respondents indicated that they were unaware that such events existed. The following public participation and involvement program will need to, at a minimum, first increase attendance while providing stormwater quality information and activities at these festivals and events.

When asked whether or not they participate in Huntington's recycling program, the majority of respondents (87%) indicated that they frequently participate. Less than 1% of the respondents indicated that they were not eligible for the program. The following public participation and involvement program will need to, at a minimum, support the current recycling efforts within the City of Huntington.

When asked whether or not they participate in community-wide clean-up projects, the majority of respondents (58%) indicated that they rarely volunteer. Twenty percent of respondents indicated that they were unaware that such activities took place. The following public participation and involvement program will need to increase the public's awareness of such activities, and increase public attendance in community-wide clean-up projects.

Huntington's constituents will be re-evaluated for their participation in stormwater quality programs and projects at the end of the 5-year permit term. This information should be used to assess, and if necessary, make changes to the public participation and involvement program submitted for the next permit term.

4.2 Public Participation Program

The following activities encompass the public participation and involvement program for the constituents of the City of Huntington, who are otherwise referred to as the citizens of Huntington. Involved citizens may include those currently involved in the Isaac Walton League and the Boy Scouts.

4.2.1 Storm Drain Stenciling and Decaling

Storm drain stenciling directly and indirectly involves the public in the prevention of non-point source pollution; those citizens involved in stenciling activities as well as those citizens who spot and are able to identify stenciled drains as stormwater drains.

Stenciling or kits will be made available, for loan, at the City Building Stenciling or decaling kits may contain the following items:

- Storm drain stencils or decals;
- Door hanger cards or flyers;
- Map of stenciling area(s);
- Parent or guardian permission slips;
- Letter or authorization from Public Works to stencil;

- Traffic zone latex spray paint (note: one can = about ten drains) or tubes of adhesive if using decals instead of stencils;
- Wire brush and whisk broom to clean gutter before painting or decaling;
- Work gloves and safety goggles for kids;
- Traffic safety vests and cones;
- Garbage bags (one for wet stencils and one for litter headed for the drain and river);
- A large open box to shield against drifting overspray; and
- Clean up rags.

The MS4 Operator shall also provide each group of participants with pollutant-tracking forms to record instances of dumping or littering. Participants will note storm drains that are clogged with debris or otherwise show obvious signs of dumping. This will enable city crews to target their cleanup efforts. Volunteers will be instructed in advance on what kinds of pollutants to look for and how to fill out data cards. The city will track all findings by the volunteers.

4.2.1.1 Implementation Schedule

The implementation of storm drain stenciling shall be the responsibility of the MS4 Operator whom will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the public participation activity described above.

Year 2 (ending Nov 2005): Create a list of community groups, service organizations, homeowner associations and youth groups to conduct stenciling projects, as well as a training program for group leaders. Identify and record stenciling locations. Create storm drain stenciling or decaling kits. Stencil a portion of the city's storm drains, paying particular attention to areas with greater pollution problems.

Year 3 (ending Nov 2006): Stencil additional storm drains. Update all contact information pertaining to the Storm Drain Stenciling Program.

Year 4 (ending Nov 2007): Re-stencil the drains stenciled in year two as well as an additional portion of unmarked storm drains. Update all contact information pertaining to the Storm Drain Stenciling Program.

Year 5 (ending Nov 2008): Re-stencil the drains stenciled in year three as well as an additional portion that have yet to be stenciled. Update all contact information pertaining to the Storm Drain Stenciling Program.

4.2.1.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- The number of stenciling or decal kits;
- Number and list of locations suspected of illicit discharges or spills;
- Estimated number of participants in attendance; and
- The number of drains stenciled.

4.2.2 Stream-Side and Litter Clean-Up

Individual efforts by community groups, such as cub scouts, are known to occur with respect to stream-side and littler clean-up. These efforts will be encouraged and supported by the City of Huntington with respect to this Stormwater Quality Management Plan.

4.2.2.1 Implementation Schedule

The implementation of stream-side and litter clean-up shall be the responsibility of the MS4 Operator whom will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the public participation activity described above.

Year 2 (ending Nov 2005): Identify groups and organizations capable of and willing to participate in an annual stream-side and litter clean-up event. Organize and conduct an annual clean-up event.

Year 3 (ending Nov 2006): Organize and conduct an annual clean-up event.

Year 4 (ending Nov 2007): Organize and conduct an annual clean-up event.

Year 5 (ending Nov 2008): Organize and conduct an annual clean-up event.

4.2.2.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Estimated number of volunteers; and

- Number of bags of waste collected.

4.2.3 Tree Planting

Trees help to improve water quality and moderate stormwater runoff. Depending on the species of the tree and local soil conditions, trees can absorb a considerable amount of stormwater. In addition, they utilize substances such as water-polluting nitrates, phosphorus, and potassium as food.

The City of Huntington will conduct an annual tree planting program or event.

4.2.3.1 Implementation Schedule

The implementation of tree planting shall be the responsibility of the MS4 Operator whom will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the public participation activity described above.

Year 2 (ending Nov 2005): Coordinate with Parks Department to create a plan to involve the general public in tree planting efforts. Hold a voluntary tree planting event on Arbor Day.

Year 3 (ending Nov 2006): Hold a voluntary tree planting event on Arbor Day.

Year 4 (ending Nov 2007): Hold a voluntary tree planting event on Arbor Day.

Year 5 (ending Nov 2008): Hold a voluntary tree planting event on Arbor Day.

4.2.3.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Estimated number of participants in attendance; and
- Number of trees planted

4.2.4 Household Hazardous Waste Collection

The primary purpose of operating a household hazardous waste collection program is to minimize the effects of improper dumping of wastes into the MS4 conveyances by providing citizens with a well-publicized and feasible option for proper disposal.

Huntington's household hazardous waste program allows homeowners and businesses within the community to drop off items that are flammable, explosive or corrosive. These items are tracked and are able to be dropped of on a weekly basis.

4.2.4.1 Implementation Schedule

The implementation of household hazardous waste collection shall be the responsibility of MS4 Operator whom will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the public participation activity described above.

Year 2 (ending Nov 2005): Coordinate efforts with Huntington County Solid Waste District to track and report on the Items to be Tracked listed below.

Year 3 (ending Nov 2006): Coordinate efforts with Huntington County Solid Waste District to track and report on the Items to be Tracked listed below.

Year 4 (ending Nov 2007): Coordinate efforts with Huntington County Solid Waste District to track and report on the Items to be Tracked listed below.

Year 5 (ending Nov 2008): Coordinate efforts with Huntington County Solid Waste District to track and report on the Items to be Tracked listed below.

4.2.4.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Estimated number of participants; and
- Amount of waste collected.

4.2.5 Incident Reporting

An incident reporting phone line, and address, will be established with the purpose of facilitating the public with a means of reporting illicit discharges and spills as well as to inquire, share concerns about or request information concerning local construction activities. In addition, all written reports, concerns, comments and requests will be tracked through the same departmental office. Both written and verbal communication will be tracked and routed to the appropriate party if action is required to be taken.

4.2.5.1 Implementation Schedule

The implementation of an incident reporting shall be the responsibility of the MS4 Operator whom will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the public participation activity described above.

Year 2 (ending Nov 2005): Identify a department or office, including their phone number, address and procedures for tracking incoming calls and messages. Advertise both in newspapers, on the City's website, as well as, other feasible means of communication. Begin tracking the items to be tracked listed below.

Year 3 (ending Nov 2006): Advertise the phone number and address in newspapers, on the City's website, as well as, other feasible means of communication. Track the items to be tracked listed below.

Year 4 (ending Nov 2007): Advertise the phone number and address in newspapers, on the City's website, as well as, other feasible means of communication. Track the items to be tracked listed below.

Year 5 (ending Nov 2008): Advertise the phone number and address in newspapers, on the City's website, as well as, other feasible means of communication. Track the items to be tracked listed below.

4.2.5.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and forms of advertisements for the phone line;
- Number of illicit discharges and spills reported by constituents; and
- Number of inquiries, concerns and requests for information concerning local construction activities.

4.3 Consistency with the Long Term Control Plan (LTCP)

As was done in Chapter 3, the City of Huntington's Long Term Control Plan was reviewed for its public participation component to ensure that the public participation efforts of this Stormwater Management Plan were neither in conflict with, nor duplicating the efforts of the City's LTCP.

Public participatory efforts associated with the LTCP are primarily informative in nature in that they aim to keep the citizen's of Huntington informed as to the progress being made with the LTCP. Participation to-date has included the opportunity to attend and provide feedback at meetings. Therefore, the Stormwater Quality Management Plan is not in conflict with, nor is it duplicating the public participation efforts set forth in the LTCP. Conversely, the participatory efforts of this SWQMP, which aims to actively involve the public in activities to improve the City's stormwater quality, compliment the efforts of the LTCP.

4.1 Water Quality Survey Reporting Form

Date	Est. Number of Constituents Reached	Response Rate

Summary of the Water Quality Survey Analysis

4.2.1a Storm Drain Stenciling and Decaling Reporting Form

Date	Location Description	Number of Participants	Number of Stenciling or Decal Kits	Number of Drains Stenciled or Decaled

4.2.1b Storm Drain Illicit Discharge Reporting Form

Date	Location Description	Suspected Illicit Discharge or Spill Description

4.2.2 Stream-side and Litter Clean-Up Reporting Form

Date	Location Description	Number of Volunteers	Est. Number of Bags of Waste Collected

4.2.3 Tree Planting Reporting Form

Date	Location Description	Estimated Number of Participants	Number of Trees Planted

4.2.5 Household Hazardous Waste Collection Reporting Form

Date	Location Description	Est. Number of Participants	Est. Amount of Waste Collected

4.2.5 Incident Reporting Form

Date	Type of Advertisement for the Incident Reporting Line	Number of Illicit Discharges and Spills Reported	Number of Inquiries, Concerns and Requests for Information Concerning Construction Activities

Chapter 5 – Illicit Discharge Detection and Elimination MCM

5.0 Introduction

This chapter describes the Illicit Discharge Detection and Elimination minimum control measure, the third of six measures the operator of a Phase II regulated small municipal separate storm sewer system (MS4) is required to include in its stormwater management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit.

Federal regulations define an illicit discharge as any discharge that is not composed entirely of stormwater. Illicit discharges can enter the system through either direct connections or indirect connections. The result is untreated discharges that contribute high levels of pollutants to receiving water bodies. Recognizing the adverse effects illicit discharges can have on receiving waters, this chapter allows the MS4 operator to detect and eliminate illicit discharges by gaining a thorough awareness of the entire stormwater sewer system.

Each section of this plan describes a Best Management Practice (BMP). Each BMP is accompanied by its own implementation schedule. The implementation schedule informs the MS4 Operator, and their designated personnel, of the tasks to complete for each year. The MS4 Operator will require that the parties responsible for each detection and elimination activity record and report annually on the items to be tracked so that the MS4 Operator may include them in the annual report to IDEM.

Measurable Goal: The illicit discharge detection and elimination program aims to reduce the amount of stormwater pollution caused by illicit discharges within the corporate limits of Huntington by 10%. The goal is to achieve the 10% reduction by the end of the 5-year permit term.

The following is the illicit discharge detection and elimination program.

5.1 Development of a MS4 Conveyance Map

The purpose of the MS4 conveyance map is to provide accurate location information for all components of the conveyance system. This includes identifying the location of all outfalls in the City and identifying the names and locations of water bodies that receive discharges from those outfalls. All known conveyance systems with a pipe diameter of twelve inches or larger and open ditches with a two foot or larger bottom width will be mapped within the first five years of permit coverage.

The completed map will aid in the efforts of:

- Identifying the possible sources of dry weather flows
- Identifying the water bodies that dry weather flows may be affecting

5.1.1 Implementation Schedule

The implementation of the development of storm sewer mapping shall be the responsibility of the MS4 Operator who will pursue the following schedule:

Year 1 (ending Nov 2004): Collect available storm sewer map information on the MS4 area. Incorporate existing information into one map.

Year 2 (ending Nov 2005): Collect field data for and map at least twenty-five percent (25%) of the MS4 conveyances within the MS4 area.

Year 3 (ending Nov 2006): Collect field data for and map an additional twenty-five percent (50% total) of the MS4 conveyances within the MS4 area.

Year 4 (ending Nov 2007): Collect field data for and map an additional twenty-five percent (75% total) of the MS4 conveyances within the MS4 area.

Year 5 (ending Nov 2008): Collect field data for and map the remaining twenty-five percent (100% total) of the MS4 conveyances within the MS4 area. Review compiled mapping to ensure completeness.

5.1.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Linear footage of MS4 mapped; and
- Number and location of MS4 area outfalls mapped.

5.2 Development of a Regulatory Mechanism

The purpose of the development of a regulatory mechanism such as an ordinance is to provide for the health, safety, and general welfare of all citizens within the MS4 area. This is accomplished through the regulation of non-stormwater discharges to the storm drainage system.

The objectives of an illicit discharge detection and elimination ordinance are:

- To regulate contribution of pollutants to the MS4 by stormwater discharges by any user
- To prohibit illicit connections and discharges to the MS4
- To establish legal authority to carry out all inspection, surveillance, monitoring, and to implement corrective actions necessary to ensure compliance with the ordinance

5.2.1 Implementation Schedule

The implementation of the development of an Illicit Discharge Detection and Elimination ordinance shall be the responsibility of the MS4 operator who will pursue the following schedule:

Year 1 (ending Nov 2004): Develop a draft ordinance for illicit discharge detection and elimination. City will adopt the ordinance.

Year 2 (ending Nov 2005): Review illicit discharge ordinance and note any suggested improvements. Update ordinance if necessary.

Year 3 (ending Nov 2006): Review illicit discharge ordinance and note any suggested improvements. Update ordinance if necessary.

Year 4 (ending Nov 2007): Review illicit discharge ordinance and note any suggested improvements. Update ordinance if necessary.

Year 5 (ending Nov 2008): Review illicit discharge ordinance and note any suggested improvements. Update ordinance if necessary.

5.2.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and type of suggested improvements in ordinance; and
- Number and description of changes made to ordinance.

5.3 Development of a Detection and Elimination of Illicit Discharges Plan

The plan to detect and address illicit discharges is the central component of this minimum control measure. It allows the MS4 Operator to systematically find and remove illicit discharges from the entire MS4 area.

This plan is divided into a three step process:

- Locate Problems within Priority Areas
- Find the Source
- Remove or Correct Illicit Connections

All actions taken as required by this plan will be documented. The documentations will be retained to be incorporated into the annual report. This plan will also be reviewed and assessed at a minimum of every five years.

5.3.1 Locate Problems within Priority Areas

High priority areas are areas that are considered to be likely sources of illicit discharges, based on available information. These areas can include older sections of the City, commercial and industrial areas, high density areas, and unsewered areas.

Once the high priority areas have been located, a screening of these outfalls will be conducted via dry weather screening. Dry weather screening consists of visual investigation of stormwater outfalls at least seventy-two hours after a rainfall event. The presence of flow during dry weather can indicate an illicit discharge.

Problem areas and discharges identified through the dry weather screenings will be analyzed for pollutants of concern and other parameters. Field test kits will be used to test for pH, conductivity, and nitrogen-ammonia. Other parameters to be investigated during a visual screening include but are not limited to odor, color, temperature, deposits or stains, and damage to the outfall structure. Depending on visual inspection results, more analysis of dry weather discharges may follow.

After all high priority areas have been screened for illicit discharges, the remaining lower priority area screening will begin.

5.3.2 Find the Source

Once outfalls with evidence of illicit discharges have been located, various methods will be used to detect the source of the discharge.

The procedure for source detection is as follows;

- Visual inspection of storm sewer system beginning at discharge location
- Trace discharge upstream by checking upstream manholes for evidence of discharge
- Area will likely be isolated between two manholes
- Once the problem area is isolated, the source will be determined through a means such as dye- or smoke-testing, excavation, or televising.

5.3.3 Remove or Correct Illicit Connections

Once an illegal discharge is located through field screening and confirmed through sampling, enforcement action may be required to have the source removed. There will be a graduated response to the discovery of an illegal connection beginning with voluntary compliance and escalating to enforcement actions if compliance is not obtained.

The procedures of enforcement will be outlined in the City of Huntington's Illicit Discharge Detection and Elimination ordinance.

5.3.4 Active Industrial Facilities Discharging into the Conveyance System

A reference list of all known active industrial facilities within the MS4 area discharging to the MS4 conveyance system is provided in **Appendix B.** Updated information regarding these and newly active industrial facilities will be submitted in each annual report.

5.3.5 Implementation Schedule

The implementation of the Detection and Elimination of Illicit Discharges Plan shall be the responsibility of the MS4 Operator who will pursue the following schedule:

Year 1 (ending Nov 2004): Identify high priority areas based on available mapping and public complaints. These areas will be screened first.

Year 2 (ending Nov 2005): Screen twenty-five percent (25%) of the outfalls and locate problems within the MS4 area. Follow through with removing or correcting illicit discharges and connections.

Year 3 (ending Nov 2006): Screen an additional twenty-five percent (50% total) of the outfalls and locate problems within the MS4 area. Follow through with removing or correcting illicit discharges and connections.

Year 4 (ending Nov 2007): Screen an additional twenty-five percent (75% total) of the outfalls and locate problems within the MS4 area. Follow through with removing or correcting illicit discharges and connections.

Year 5 (ending Nov 2008): Screen the remaining twenty-five percent (100% total) of the outfalls located in the MS4 area. Follow through with removing or correcting illicit discharges and corrections.

5.3.6 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and location of MS4 area outfalls screened for illicit discharges;
- Illicit discharge sources detected; and

- Illicit discharge sources eliminated.

5.4 Public Education and Participation

It is acknowledged that outreach to public employees, businesses, property owners, and the general public will help gain support for and increase compliance with the stormwater program. Information and education regarding ways to detect and eliminate illicit discharges is an integral part of this minimum control measure.

An education program identifying the hazards of illicit discharges and improper waste disposal will be combined with the Public Outreach and Education minimum control measure (chapter 3). Information and guidance for specific audiences will be incorporated into the stormwater website, activity books, cable access television, and other programs.

Public participation programs pertaining to illicit discharge detection and elimination will be combined with the Public Participation and Involvement minimum control measure (chapter 4). These programs include the coordination of a household hazardous waste recycling program and the establishment of a telephone notification system for reporting illicit discharges.

5.5 Annual Training of MS4 Personnel

Current Employees: Current employees involved in illicit discharge detection and elimination will be required to complete training. This training will involve education on testing equipment as well as policies and procedures to be used. This training will be documented. The documentation will be retained by the City.

During subsequent years, employees whose work involves illicit discharge detection and elimination will be required to complete an annual refresher training program. This training will be documented. The documentation will be retained by the City.

New Employees: New employees whose work involves illicit discharge detection and elimination will be required to complete training. This training will take place within the first two months of employment. This training will be documented. The documentation will be retained by the City.

5.5.1 Implementation Schedule

The implementation of the training for MS4 personnel shall be the responsibility of the MS4 operator who will pursue the following schedule:

Year 1 (ending Nov 2004): Develop and implement training policy and procedures for public employee training on illicit discharge detection and elimination. Begin training employees.

Year 2 (ending Nov 2005): Continue training employees.

Year 3 (ending Nov 2006): Continue training employees.

Year 4 (ending Nov 2007): Continue training employees.

Year 5 (ending Nov 2008): Continue training employees. Evaluate the policies, procedures, and training methods; and begin implementing any recommended changes.

5.5.2 Items to be Tracked

The following item will be recorded on the corresponding reporting form located at the end of this chapter.

- Number of employees trained

5.6 Consistency with the Long Term Control Plan (LTCP) and Combined Sewer Overflow Operational Plan (CSOOP)

The City of Huntington's Long Term Control Plan and Combined Sewer Overflow Operational Plan were reviewed for the illicit discharge detection and elimination component to ensure that the efforts of the Stormwater Management Plan were neither in conflict with, nor duplicating the efforts of the LTCP or the CSOOP.

Currently the City of Huntington monitors only the combined sewer overflows. There is no program in place to monitor stormwater outfalls. Therefore, the efforts of this SWQMP, which aim to detect and eliminate illicit discharges from stormwater outfalls, are not in conflict with or a duplication of the efforts of either the LTCP or the CSOOP.

5.1 MS4 Conveyance Map Development Reporting Form

Date	Location Description of MS4 Outfalls Mapped	Work Performed By	Est. Linear Footage of MS4 Mapped To-Date

Subtotal _____

5.2 Regulatory Mechanism Development Reporting Form

Date	Suggested Improvements	Description of Changes	Work Performed By

5.3a Detection and Elimination of Illicit Discharges Plan Reporting Form

Date	Outfall Location Description	Illicit Discharge Detected: Yes or No	Eliminated: Yes or No	Work Performed By

5.3b Field Inspection Reporting Form

Date	Location Description	Inspection Type						Field Test Results			General Observations
		Visual Observation	Dye Test	TV Line Survey	Analysis of Accurate Schematics	Sampling or Monitoring	Other	pH	Conductivity	Nitrogen-Ammonia	

5.5 Training for MS4 Personnel Reporting Form

Date	Name of Trainee	New or Existing Employee	Name of Trainer	Trained on

Chapter 6 – Construction Site Stormwater Run-Off Control MCM

6.0 Introduction

This chapter describes the construction site stormwater run-off control minimum control measure, the fourth of six measures the Operator of a Phase II regulated small Municipal Separate Storm Sewer System (MS4) is required to include in its stormwater management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit.

Construction site stormwater management in areas undergoing new development or redevelopment is necessary because polluted stormwater run-off from construction sites often flows to MS4 conveyances and ultimately discharge into receiving waters untreated.

Each section of this plan describes a Best Management Practice (BMP). Each BMP is accompanied by its own implementation schedule. The implementation schedule informs the MS4 Operator, and their designated personnel, of the tasks to complete for each year. The MS4 Operator will require that the parties responsible for each construction site stormwater run-off control record and report annually on the items to be tracked so that the MS4 Operator may include them in the annual report to IDEM.

Measurable Goal: The construction site run-off control program aims to reduce the amount of total suspended solids leaving individual construction sites by 80%. The goal is to achieve the 80% reduction during the construction period of any new development required to gain local approval.

The following is the construction site run-off control program.

6.1 Development of a Regulatory Mechanism

The purpose of the regulatory mechanism for construction site stormwater run-off control is to establish minimum stormwater management requirements and controls to protect and safeguard the general health, safety, and welfare of the public residing in watersheds within the MS4 area during construction activities.

The City of Huntington will use an Ordinance titled "Erosion and Sediment Control" for its regulatory mechanism. The Ordinance will be written to be in accordance with 327 IAC 15-13 and 327 IAC 15-5.

The Ordinance will include construction site plan submittal requirements, a general description of the City's review and inspection process, and a description of enforcement procedures.

6.1.1 Implementation Schedule

The implementation of the City's construction site run-off control regulatory mechanism, otherwise referred to as the "Erosion and Sediment Control"

Ordinance, will be the responsibility of the MS4 Operator who will pursue the following schedule:

Year 1 (ending Nov 2004): Develop a draft Ordinance for construction stormwater run-off. City will submit the draft Ordinance to the DNR for their review and comments.

Year 2 (ending Nov 2005): Update the Erosion and Sediment Control Ordinance as necessary. The City will then adopt the Ordinance. Update Ordinance if necessary.

Year 3 (ending Nov 2006): Review construction stormwater run-off Ordinance and note any suggested improvements. Update Ordinance if necessary.

Year 4 (ending Nov 2007): Review construction stormwater run-off Ordinance and note any suggested improvements. Update Ordinance if necessary.

Year 5 (ending Nov 2008): Review construction stormwater run-off Ordinance and note any suggested improvements. Update Ordinance if necessary.

6.1.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and type of suggested improvements for the Ordinance; and
- Number and description of changes made to the Ordinance.

6.2 Site Plan Review Process

The development standards will be written to be in accordance with 327 IAC 15-13 and 327 IAC 15-5. According to 327 IAC 15-13, the permitting process and associated timetables for site plan and application submittals listed in 327 IAC 15-5 do not have to be followed. The City of Huntington will develop standardized timetables for all construction site plan reviews and application submittals.

The City of Huntington has chosen to review all construction site plans submitted, and inspect the sites during construction. The City will give the SWCD the opportunity to review each of these plans prior to the City's approval of the submitted plans. Failure of the SWCD to respond within a predetermined time period should not delay final action of the MS4 Operator to approve plans.

After the City gives approval, the construction site operator is responsible to submit a Notice of Intent (NOI) Letter to IDEM.

For the duration of the MS4 permit term, the SWCD will be given the opportunity to review and inspect all MS4 operated projects. Only after the local SWCD Director gives written permission to the City giving them authority to perform self monitoring will

the MS4 Operator no longer be required to submit MS4 operated projects to the SWCD for their review.

For MS4 operated projects, the site plan submittal will include additional items that are not required for non-MS4 operated projects. The additional items include a traffic phasing plan for those projects that have the potential to alter vehicular traffic routes, utility relocation areas, material hauling and transportation routes/roads, borrow pits, temporary staging and materials stock-pile areas, and temporary disposal areas for waste materials. These additional items will be for those projects that have the potential to directly impact the water quality of the MS4's receiving streams. This could be caused by construction activity such as temporary bridges for bridge replacement projects or where road construction activity is adjacent to a river or stream bank. It also includes areas where temporary roads must be constructed. Projects that use existing roads for rerouting need not require traffic phasing plans.

The City will review all projects within the MS4 area. They may choose to review projects within the extra-jurisdictional area and provide comments to the extra-jurisdictional review authorities for their consideration.

The site plan review process is generally described in the Ordinance and more detail will be provided in the City of Huntington's Stormwater Development Standards Manual.

The MS4 Operator will be required to submit a monthly summary report of construction projects to IDEM. This certification form is located in **Appendix F**, State Form 51276 (R3/ 11-03).

6.2.1 Implementation Schedule

The implementation of the development of Site Plan Review Procedures will be the responsibility of the MS4 Operator who will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the establishment of a local plan review and comment procedures for all construction site plans and construction site inspections, as described above and in the City of Huntington's Stormwater Development Standards Manual.

Year 2 (ending Nov 2005): Review plan review and comment procedures for all construction site plans and construction site inspections and update as necessary.

Year 3 (ending Nov 2006): Review plan review and comment procedures for all construction site plans and construction site inspections and update as necessary.

Year 4 (ending Nov 2007): Review plan review and comment procedures for all construction site plans and construction site inspections and update as necessary.

Year 5 (ending Nov 2008): Review plan review and comment procedures for all construction site plans and construction site inspections and update as necessary.

6.2.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number of reviews by the SWCD;
- Number of construction sites permitted for stormwater quality;
- Number of construction sites inspected; and
- Number and type of enforcement actions taken against construction site operators.

6.3 Public Participation

The MS4 Operator will establish procedures for receipt and consideration of public inquiries, concerns and requests for information regarding local construction activities. These procedures will, at a minimum, implement a tracking process in which submitted public information, both written and verbal, documenting it and giving it to the appropriate staff.

These procedures, as well as their implementation timeline and items to be tracked are addressed in Chapter 4, Public Participation and Involvement.

6.4 Annual Training of MS4 Personnel

Current Employees: Current employees whose work could affect stormwater quality, including but not limited to personnel involved in site plan review, inspection and enforcement, will be required to complete training on stormwater related policies, programs, and procedures. This training will be documented. The documentation will be retained by the City.

During subsequent years, employees will be required to complete an annual refresher training program. This training will be documented. The documentation will be retained by the City.

New Employees: New employees whose work involves construction stormwater run-off control will be required to complete training. This training will take place within the first two months of employment. This training will involve instruction on plan review, inspection protocol, enforcement procedures and appropriate control measures. This training will be documented. The documentation will be retained by the City.

6.4.1 Implementation Schedule

The implementation of training for MS4 personnel will be the responsibility of the MS4 Operator who will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the development of annual training for MS4 personnel on construction stormwater run-off controls, as described above.

Year 2 (ending Nov 2005): Develop and implement training policy and procedures for personnel training on construction stormwater run-off controls. Begin training employees.

Year 3 (ending Nov 2006): Continue training employees.

Year 4 (ending Nov 2007): Continue training employees.

Year 5 (ending Nov 2008): Continue training employees. Evaluate the policies, procedures, and training methods; and begin implementing recommended changes.

6.4.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and names of new employees trained about stormwater quality related policies and procedures; and
- Number and names of current employees trained about stormwater quality related policies and procedures.

6.1 Regulatory Mechanism Development Reporting Form

Date	Suggested Improvements	Description of Changes	Work Performed By

6.2a Site Plan Submittal Review Process Reporting Form

Date	Location of Construction Activity	Reviewed by SWCD: Yes or No	Permitted for Stormwater Quality: Yes or No

6.2b Site Plan Review Inspection and Enforcement Reporting Form

Date	Location of Construction Activity	Inspection Performed by:	Inspection Comments	Enforcement Actions Required

6.4 Training for MS4 Personnel Reporting Form

Date	Name of Trainee	New or Existing Employee	Name of Trainer	Trained on

Chapter 7 – Post-Construction Run-off Control MCM

7.0 Introduction

This chapter describes the post-construction run-off control minimum control measure, the fifth of six measures the operator of a Phase II regulated small municipal separate storm sewer system (MS4) is required to include in its stormwater management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit.

Post-construction stormwater management in areas undergoing new development or redevelopment is necessary because run-off from these areas has been shown to significantly effect receiving waterbodies. Many studies indicate that prior planning and design for the minimization of pollutants in post-construction stormwater discharges is the most cost-effective approach to stormwater quality management.

Each section of this plan describes a Best Management Practice (BMP). Each BMP is accompanied by its own implementation schedule. The implementation schedule informs the MS4 Operator, and their designated personnel, of the tasks to complete for each year. The MS4 Operator will require that the parties responsible for each post-construction site stormwater run-off control record and report annually on the items to be tracked so that the MS4 Operator may include them in the annual report to IDEM.

Measurable Goal: The post-construction stormwater run-off control program aims to reduce the amount of total suspended solids leaving any new site development after construction by 80%. The goal is to achieve the 80% reduction for all new site developments required to gain local approval.

The following is the post-construction stormwater run-off control program.

7.1 Development of a Regulatory Mechanism

The purpose of the regulatory mechanism for post-construction stormwater run-off control is to establish minimum stormwater management requirements and controls to protect and safeguard the general health, safety, and welfare of the public residing in watersheds within the MS4 area once construction activities have ceased.

The City of Huntington will use an ordinance titled "Control of Post Construction Stormwater Runoff" for its regulatory mechanism. Through the Ordinance the MS4 Operator will implement planning procedures to promote improved water quality.

Planning procedures will include, at a minimum, the post-construction requirements of 327 IAC 15-5-6.5(a)(8). The Ordinance may also include the implementation of the following planning procedures identified in Rule 13 (327 IAC 15-13-16(b)).

- Buffer strip preservation and riparian zone preservation;
- Minimization of land disturbance;

- Minimization of impervious surfaces;
- Disconnecting impervious surfaces;
- Maximization of open spaces; and
- Avoiding sensitive areas.

7.1.3 Implementation Schedule

The implementation of the City's post-construction run-off control regulatory mechanism otherwise referred to as the "Post-Construction Run-off Control Ordinance" will be the responsibility of the MS4 Operator who will pursue the following schedule:

Year 1 (ending Nov 2004): Develop a draft ordinance for post-construction runoff. The City will submit the draft ordinance to the DNR for their review and comments.

Year 2 (ending Nov 2005): Update the "Post-Construction Run-off Control Ordinance" as necessary, The City will then adopt the Ordinance before November 1st, 2005 and complete a certification form that combines the completed requirement of this subsection and subsection 7.4, the development of an Operational and Maintenance Plan for all structural BMPs.

Year 3 (ending Nov 2006): Review the "Post-Construction Run-off Control Ordinance" and note any suggested improvements. Update ordinance if necessary.

Year 4 (ending Nov 2007): Review the "Post-Construction Run-off Control Ordinance" and note any suggested improvements. Update ordinance if necessary.

Year 5 (ending Nov 2008): Review the "Post-Construction Run-off Control Ordinance" and note any suggested improvements. Update ordinance if necessary.

7.1.4 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and type of suggested improvements for the Ordinance; and
- Number and description of changes made to the Ordinance.

7.2 Site Plan Review Process

The site plan review process will be generally described in the Ordinance and more detail will be provided in the City of Huntington's Stormwater Development Standards Manual.

The site plan review process will be written to be in accordance with 327 IAC 15-13 and 327 IAC 15-5. According to 327 IAC 15-13, the permitting process and associated timetables for site plan and application submittals listed in 327-IAC 15-5 do not have to be followed. The City of Huntington will develop standardized timetables for all site plan reviews and application submittals.

The City of Huntington has not delegated responsibility to the SWCD to review all site plans submitted, and inspect all sites. Huntington has retained this responsibility. However, the City will give the SWCD the opportunity to review each of these plans prior to the City's approval of the submitted plans. Failure of the SWCD to respond within a predetermined time period should not delay final action of the MS4 Operator to approve plans.

After the City gives approval, the construction site operator is responsible to submit a Notice of Intent (NOI) Letter to IDEM.

For the duration of the permit term, the SWCD will be given the opportunity to review and inspect all MS4 operated projects. Examples of MS4 operated projects include but are not limited to new road and utility projects. Only after the local SWCD Director gives written permission to the City giving them authority to perform self monitoring will the MS4 Operator no longer be required to submit MS4 operated projects to the SWCD for their review.

According to IAC 15-5, all site plan submittals must include a post-construction stormwater pollution prevention plan. In addition to the post-construction stormwater pollution prevention plan requirements in IAC 15-5, the MS4 Operator, where appropriate, will require the use of any combination of storage, infiltration, filtering, or vegetative practices to reduce the impact of pollutants in stormwater run-off on receiving waters. In addition to combining any number of the above mentioned practices, the following requirements will be followed:

- Infiltration practices will not be allowed in well-head protection areas;
- Discharges from an MS4 area will not be allowed in sink holes or fractured bedrock without treatment that results in the discharge meeting Indiana ground water quality standards as referenced in 327 IAC 2-11;
- Any stormwater practice that is a Class V injection well must ensure that the discharge from such practices meets Indiana ground water quality standards as referenced in 327 IAC 2-11;
- As site conditions allow, the rate at which water flows through the MS4 conveyances will be regulated to reduce outfall scouring and stream bank erosion;
- As site conditions allow, a vegetated filter strip at the appropriate width will be maintained along unvegetated swales and ditches;
- New retail gasoline outlets, new municipal, state, federal, or institutional refueling areas, or outlets and refueling areas that replace their existing tank systems will be required by MS4 ordinance or other regulatory means to

design and install appropriate practices to reduce lead, copper, zinc and polyaromatic hydrocarbons in stormwater run-off.

The City will review all projects within the MS4 area. They may choose to review projects within the extra-jurisdictional area and provide comments to the extra-jurisdictional review authorities for their consideration.

The MS4 Operator will be required to submit a monthly summary report of construction projects to IDEM. This certification form is located in **Appendix F**, State Form 51276 (R3/ 11-03).

7.2.1 Implementation Schedule

The implementation of the development of Site Plan Review Process will be the responsibility of the MS4 Operator who will pursue the following schedule:

Year 1 (ending Nov 2004): Incorporate stormwater quality plan review with current plan review procedures for all site plans and site inspections, as described above and in the City of Huntington's Stormwater Development Standards Manual.

Year 2 (ending Nov 2005): Review the site plan review process for all site plans and site inspections and update as necessary.

Year 3 (ending Nov 2006): Review the site plan review process for all site plans and site inspections and update as necessary.

Year 4 (ending Nov 2007): Review the site plan review process for all site plans and site inspections and update as necessary.

Year 5 (ending Nov 2008): Review the site plan review process for all site plans and site inspections and update as necessary.

7.2.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number of reviews by the SWCD;
- Number of sites permitted for stormwater quality;
- Number of sites inspected;
- Number, type, and location of structural BMPs installed;
- Type and location nonstructural BMPs utilized;

- Estimated acreage or square footage of open space preserved and mapped;
- Estimated acreage or square footage of mapped pervious and impervious surfaces; and
- Number and location of retail gasoline outlets or municipal, state, federal, or institutional refueling areas with installed BMPs.

7.3 Annual Training of MS4 Personnel

Current Employees: Current employees responsible for plan review, inspection, and enforcement of post-construction BMP's shall receive, at a minimum, annual training addressing such topics as appropriate control measures, inspection protocol, and enforcement. This training will involve instruction on inspection frequency, maintenance procedures, operational testing or observations to ensure proper functioning, preventative maintenance and record keeping. This training will be documented. The documentation will be retained by the City.

During subsequent years, employees will be required to complete an annual refresher training program. This training will be documented. The documentation will be retained by the City.

New Employees: New employees responsible for plan review, inspection, and enforcement of post-construction BMP's shall receive, at a minimum, annual training addressing such topics as appropriate control measures, inspection protocol, and enforcement. This training will take place within the first two months of employment. This training will involve instruction on inspection frequency, maintenance procedures, operational testing or observations to ensure proper functioning, preventative maintenance and record keeping. This training will be documented. The documentation will be retained by the City.

7.3.1 Implementation Schedule

The implementation of training for MS4 personnel will be the responsibility of the MS4 Operator who will pursue the following schedule:

Year 1 (ending Nov 2004): Approve the development of annual training for MS4 personnel on post-construction stormwater run-off controls, as described above.

Year 2 (ending Nov 2005): Develop and implement training policy and procedures for personnel training on post-construction stormwater run-off controls. Begin training employees.

Year 3 (ending Nov 2006): Continue training employees.

Year 4 (ending Nov 2007): Continue training employees.

Year 5 (ending Nov 2008): Continue training employees. Evaluate the policies, procedures, and training methods; and begin implementing recommended changes.

7.3.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and names of new employees trained in stormwater quality related policies and procedures; and
- Number and names of current employees trained in stormwater quality related policies and procedures.

7.4 Development of an Operational and Maintenance Plan for all Structural BMPs

The MS4 Operator will develop and implement a written operational and maintenance plan for all major structural stormwater BMPs. Operational and Maintenance plans for specific structural BMPs will be described in detail in the City of Huntington's Stormwater Development Standards Manual.

Major Structural BMPs included in the Stormwater Development Standards Manual include, but are not limited to, detention basins and retention basins.

In situations where the structural BMP is privately owned, the maintenance and operation of the BMP is the responsibility of the private owner. In accordance with a maintenance agreement that will be established in the Post-Construction Run-off Control Ordinance, the private owner will be required to properly maintain and operate the BMP in accordance with the Stormwater Development Standards.

The plan for all MS4 operational areas will also include the following:

Inspection Frequency: Major structural stormwater BMPs such as detention and retention basins will be inspected, at the minimum, on an annual basis to document maintenance and repair needs. Catch basins will be inspected in accordance with Section 8.1.2 of Chapter 8 – Pollution Prevention and Good housekeeping MCM.

Maintenance Procedures: Maintenance and repair needs identified during inspections will be addressed in a timely manner. These needs may include preventative maintenance activities such as the removal of silt, litter and other debris, and grass cutting or vegetation removal.

Recordkeeping: All actions taken as required by this plan will be documented. These actions include, but are not limited to, records of installation or maintenance activities and inspection reports. The documentation will be retained by the City. This plan will be reviewed for adequacy and accuracy at a minimum of every five years. Any changes to the plan will be documented and incorporated into the annual report.

7.4.1 Implementation Schedule

The implementation of the Operation and Maintenance Plan will be the responsibility of the MS4 Operator who will pursue the following schedule:

Year 1 (ending Nov 2004): Begin the development of an operational and maintenance plan for all structural BMPs, as described above.

Year 2 (ending Nov 2005): Complete the plan and a certification form that combines the completed requirement of this subsection and subsection 7.1, the Development of a Regulatory Mechanism.

Year 3 (ending Nov 2006): Review the operation and maintenance plan and note any suggested improvements. Update plan if necessary.

Year 4 (ending Nov 2007): Review the operation and maintenance plan and note any suggested improvements. Update plan if necessary.

Year 5 (ending Nov 2008): Review the operation and maintenance plan and note any suggested improvements. Update plan if necessary.

7.4.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number, type, and location of structural BMPs inspected; and
- Number, type, and location structural BMPs maintained, or improved to function properly.

7.1 Regulatory Mechanism Development Reporting Form

Date	Suggested Improvements	Description of Changes	Work Performed By

7.2a Site Plan Submittal Review Process Reporting Form

Date	Location of Construction Activity	Reviewed by SWCD: Yes or No	Permitted for Stormwater Quality: Yes or No

7.2b Site Plan Review Inspection and Enforcement Reporting Form

Date	Location of Construction Activity	Inspection Performed by:	Inspection Comments	Enforcement Actions Required

7.2c Site Plan Review Installation or Utilization Reporting Form

Date	Location Description	BMP Description	Work Performed by:	Structural or Non-structural

7.2d Site Plan Review Mapping Reporting Form

[ ] **Estimated Acreage or Square Footage of Open Space Preserved and Mapped**

[ ] **Estimated Acreage or Square Footage of Mapped Pervious and Impervious Surfaces**

[ ] **Total Number of Retail Gasoline Outlets or Municipal, State, Federal or Institutional Refueling Areas with Installed BMPs**

Name of Outlets or Refueling Area	Location Description	Retail, Municipal, State, Federal or Institutional	BMP Installed: Yes or No

7.3Training for MS4 Personnel Reporting Form

Date	Name of Trainee	New or Existing Employee	Name of Trainer	Trained on

7.4a Operational and Maintenance Plan Inspection Reporting Form

Date	Structural BMP Type	Location Description	Inspection Performed By:	Inspection Comments	Follow-Up Action Required

7.4b Operational and Maintenance Plan Maintenance Reporting Form

Date	Structural BMP Type	Location Description	Work Performed By:	Description of Maintenance or Improvements Made

7.4c Operational and Maintenance Plan Stormwater Drain Reporting Form

Date [ ]

Total Number of Stormwater Drains:

[ ] **Stenciled**

[ ] **Decaled**

[ ] **Cast**

Chapter 8: Pollution Prevention and Good Housekeeping MCM

8.0 Introduction

The pollution prevention and good housekeeping minimum control measure is the last of six measures the operator of a Phase II regulated municipal separate storm sewer system (MS4) is required to include in its stormwater management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit.

According to the EPA, the pollution prevention and good housekeeping minimum control measure is a key element of the MS4 stormwater management program. This measure requires the MS4 Operator to examine and subsequently alter their own actions to help ensure a reduction in the amount and type of pollution generated from the City's operational areas. Areas of concern include streets, parking lots, open spaces, storage areas and vehicle maintenance areas discharging to the stormwater conveyance system. The pollution prevention and good housekeeping measure is meant to improve or protect receiving water quality by altering municipal or facilities operations.

Each section of this plan describes a Best Management Practice (BMP). Each BMP is accompanied by its own implementation schedule. The implementation schedule informs the MS4 Operator, and their designated personnel, of the tasks to complete for each year. The MS4 Operator will require that the parties responsible for each pollution prevention and good housekeeping measure record and report annually on the items to be tracked so that the MS4 Operator may include them in the annual report to IDEM.

Measurable Goal: The pollution prevention and good housekeeping program aims to reduce the amount of stormwater pollution currently caused within operational areas of Huntington by 10%. The goal is to achieve the 10% reduction by the end of the 5-year permit term.

The following is the pollution prevention and good housekeeping program.

8.1 Maintenance Activities, Schedules, and Inspection of BMPs

The following pollution prevention and good housekeeping measures include procedures for inspection, waste material removal, and record keeping for the City of Huntington.

8.1.1 Litter Pick-Up

Currently, the City of Huntington does not have a formal written program established for this activity.

The following is the proposed Litter Pick-Up program for all operational areas within the City of Huntington.

Personnel within all operational areas will begin collecting litter and debris on a minimum of a monthly basis. The weight of all material collected will be estimated and recorded. These findings will be included in the annual report to IDEM. Materials collected will be disposed of in accordance with Section 8.3 of this chapter.

8.1.1.1 Implementation Schedule

The implementation of Litter Pick-Up program will be the responsibility of the MS4 Operator. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed Litter Pick-Up program identified above.

Year 2 (ending Nov 2005): Identify areas and develop procedures for the collection, hauling, estimated weight, and disposing of litter and debris.

Year 3 (ending Nov 2006): Implement the procedures established in Year 2 and report on all findings.

Year 4 (ending Nov 2007): Review the previous year's procedures, revising them as necessary, and proceed with the litter pick-up program.

Year 5 (ending Nov 2008): Review the previous year's procedures, revising them as necessary, and proceed with the litter pick-up program.

8.1.1.2 Items to be Tracked

The following item will be recorded on the corresponding reporting form located at the end of this chapter.

- Number of Litter Pick-up Sessions.

8.1.2 Stormwater Structure and Conveyance Inspection, Cleaning, and Maintenance

Currently, the City of Huntington cleans catch basins on a non-scheduled basis. As part of the Long Term Control Plan the City logs the days and the structures that they vacuum out.

The following is the proposed Stormwater Structure and Conveyance Inspection, Cleaning and Maintenance program for all operational areas within the City of Huntington.

MS4 Structure and Conveyance Cleaning and Inspection: Cleaning of the stormwater structures and conveyances will begin in the spring and continue through the fall. Once a structure or conveyance has been cleaned, the structure will then be inspected for needed repairs. The type, location, weight of materials cleaned, and condition of the structure or conveyance will be recorded. All material will be disposed of in accordance with Section 8.3 of this chapter. At the end of the year the amount of materials collected and disposed of will be included in the annual report to IDEM.

MS4 Structure and Conveyance Maintenance, Repairs, and Improvements: Repairs or improvements to MS4 stormwater structures and conveyances will be performed an as-needed basis. All maintenance, repairs and improvements will be recorded, including the location and type of work performed. At the end of the year the number of MS4 structures and conveyances maintained, repaired or otherwise improved upon will be included in the annual report to IDEM.

8.1.2.1 Implementation Schedule

The implementation of Stormwater Structure and Conveyance Inspection, Cleaning and Maintenance program will be the responsibility of the MS4 Operator. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed Stormwater Structure and Conveyance Inspection, Cleaning and Maintenance program identified above.

Year 2 (ending Nov 2005): Review mapped MS4 Structures and Conveyances. Create an annual timeline for cleanings and inspections, giving priority to areas of known concern. Clean and inspect those structures and conveyances listed in current year's timeline. Make repairs and improvements as necessary.

Year 3 (ending Nov 2006): Update the number and location of all known MS4 Structures and Conveyances, as necessary. Create a new timeline for Year 3 and clean and inspect those structures and conveyances listed in the Year 3 timeline. Make repairs and improvements as necessary.

Year 4 (ending Nov 2007): Update the number and location of all known MS4 Structures and Conveyances, as necessary. Create a new timeline for Year 4 and clean and

inspect those structures and conveyances listed in the Year 4 timeline. Make repairs and improvements as necessary.

Year 5 (ending Nov 2008): Update the number and location of all known MS4 Structures and Conveyances, as necessary. Create a new timeline for Year 5 and clean and inspect those structures and conveyances listed in the Year 5 timeline. Make repairs and improvements as necessary.

8.1.2.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number, type and location of all MS4 structures and conveyances cleaned and inspected;
- Amount of material collected; and
- Number, type and location of all MS4 structures and conveyances repaired or otherwise improved upon.

8.1.3 Pavement Sweeping

Currently, the City of Huntington operates a Pavement Sweeping program for all City streets and parking lots. A record keeping program was established in the Long Term Control Plan. The grit and sand collected is presently dumped and stored in an area along Taylor Street.

The following is the proposed Pavement Sweeping program for all operational areas within the City of Huntington.

The City of Huntington will continue its pavement sweeping programs and procedures currently in place. All collected waste will be disposed of in accordance with Section 8.3 of this chapter. The City will be required to record the amount of debris that they dispose of and report to the MS4 Operator so that it may be included in the annual report to IDEM.

8.1.3.1 Implementation Schedule

The implementation of Street Sweeping program will be the responsibility of the Street Superintendent. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed Pavement Sweeping program identified above.

Year 2 (ending Nov 2005): Establish procedures for recording and reporting the amount of materials collected to the MS4 Operator. Continue current pavement sweeping program.

Year 3 (ending Nov 2006): Update and improve upon the current pavement sweeping program as necessary, continuing the current or revised program throughout the year.

Year 4 (ending Nov 2007): Update and improve upon the current pavement sweeping program as necessary, continuing the current or revised program throughout the year.

Year 5 (ending Nov 2008): Update and improve upon the current pavement sweeping program as necessary, continuing the current or revised program throughout the year.

8.1.3.2 Items to be Tracked

The following item will be recorded on the corresponding reporting form located at the end of this chapter.

- Amount of material collected.

8.1.4 Roadside Shoulder and Ditch Stabilization

Currently, the City of Huntington does not have a formal written program established for this activity.

The following is the proposed Roadside Shoulder and Ditch Stabilization program for all operational areas within the City of Huntington.

The roadside shoulder and ditch stabilization inspections will begin in the spring once the snow has melted and the areas of concern are clear for inspection. Roadways with shoulders or ditches will be inspected for possible maintenance work. Examples of possible maintenance include, but are not limited to: shoulder damage due to snow plowing and tire rutting, shoulder roadbed failure, ditches not draining properly, ditch side slope failure and channel erosion. Maintenance and repairs will be prioritized and then scheduled. All work performed will then be recorded and included in the annual report to IDEM.

8.1.4.1 Implementation Schedule

The implementation of Roadside Shoulder and Ditch Stabilization program will be the responsibility of the Street Superintendent. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed Roadside Shoulder and Ditch Stabilization program identified above.

Year 2 (ending Nov 2005): Identify and locate all known roads with shoulders or ditches. Create an annual timeline for inspecting these roadways, giving priority to areas of known concern. Inspect roads listed in the current year's timeline. Make repairs and improvements as necessary.

Year 3 (ending Nov 2006): Update the number and location of all known roads with shoulders or ditches, as necessary. Create a new timeline and inspect roads listed in current year's timeline. Make repairs and improvements as necessary.

Year 4 (ending Nov 2007): Update the number and location of all known roads with shoulders or ditches, as necessary. Create a new timeline and inspect roads listed in current year's timeline. Make repairs and improvements as necessary.

Year 5 (ending Nov 2008): Update the number and location of all known roads with shoulders or ditches, as necessary. Create a new timeline and inspect roads listed in current year's timeline. Make repairs and improvements as necessary.

8.1.4.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Estimated linear footage and the location of all known roads with ditches or shoulders; and
- Estimated linear footage and the location of all known roads with ditches or shoulders stabilized.

8.1.5 Roadside Vegetation Care

Currently, the City of Huntington does not have a formal written program established for this activity.

The following is the proposed Roadside Vegetation Care program for all operational areas within the City of Huntington.

The roadside vegetation care inspections will begin in the spring once the snow has melted and the areas of concern are clear for inspection. Roadside vegetation will be inspected for possible maintenance needs. Examples of possible maintenance include, but are not limited to: vegetation damage due to snow plowing, tire rutting, utility dig ups during the fall and winter, and poor drainage. Maintenance and repairs will be prioritized and then scheduled. All work performed will then be recorded.

8.1.5.1 Implementation Schedule

The implementation of Roadside Vegetation Care program will be the responsibility of the MS4 Operator. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed Roadside Vegetation Care program identified above.

Year 2 (ending Nov 2005): Create an annual timeline for inspecting of roadside vegetation, giving priority to areas of known concern. Inspect areas with roadside vegetation in the current year's timeline. Remediate or make other improvements as necessary.

Year 3 (ending Nov 2006): Create a new timeline and inspect those roads listed in the current year's timeline. Remediate or make other improvements as necessary.

Year 4 (ending Nov 2007): Create a new timeline and inspect those roads listed in the current year's timeline. Remediate or make other improvements as necessary.

Year 5 (ending Nov 2008): Create a new timeline and inspect those roads listed in the current year's timeline. Remediate or make other improvements as necessary.

8.1.5.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Estimated linear footage and the location of vegetated roadsides inspected; and
- Estimated linear footage and the location of vegetated roadsides remediated or otherwise improved.

8.1.6 Outfall Scouring Inspection and Remediation

Currently, the City of Huntington does not have a formal written program established for this activity.

The following is the proposed Outfall Scouring Inspection and Remediation program for all operational areas within the City of Huntington.

An initial inspection will occur when river levels are low enough to allow for visual inspections of outfall conditions. Outfalls will be inspected for: possible scouring or erosion around the conduit and adjacent conveyance embankment; and the general condition of the surrounding area. Maintenance and repairs will be prioritized and then scheduled. All work performed will then be recorded and included in the annual report to IDEM.

8.1.6.1 Implementation Schedule

The implementation of Outfall Scouring Inspection and Remediation program will be the responsibility of the MS4 Operator. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed Outfall Scouring Inspection and Remediation program identified above.

Year 2 (ending Nov 2005): Create an annual timeline for inspecting all mapped outfalls (as identified in Chapter 5, Illicit Discharge Detection and Elimination), giving priority to areas of known concern. Inspect those outfalls listed in the current year's timeline. Make repairs and improvements as necessary.

Year 3 (ending Nov 2006): Update the number and location of all mapped outfalls, as necessary. Create a new timeline and inspect those outfalls listed in the current year's timeline. Make repairs and improvements as necessary.

Year 4 (ending Nov 2007): Update the number and location of all mapped outfalls, as necessary. Create a new timeline and

inspect those outfalls listed in the current year's timeline. Make repairs and improvements as necessary.

Year 5 (ending Nov 2008): Update the number and location of all mapped outfalls, as necessary. Create a new timeline and inspect those outfalls listed in the current year's timeline. Make repairs and improvements as necessary.

8.1.6.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and location of outfalls inspected for scouring conditions; and
- Number and location of outfalls repaired.

8.2 Controls for Minimizing Pollutants from Operational Areas

The following pollution prevention and good housekeeping measures include procedures for reducing or eliminating the discharge of pollutants for the City of Huntington.

8.2.1 Salt and Sand Storage and Application

Currently, the City of Huntington stores its salt under roof. They typically use three parts salt to one part sand for their salt mixture.

The following is the proposed Salt and Sand Storage and Application controls for all operational areas within the City of Huntington.

All salt and sand will continue to be stored in a covered structure. Salt and sand that is spilled outside of the covered facility but within the operational area will be swept up following the snow or ice event. The amount of salt and sand used will be documented and included in the annual report to IDEM.

8.2.1.1 Implementation Schedule

The implementation of Salt and Sand Storage and Application controls will be the responsibility of the Street Superintendent. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the Salt and Sand Storage and Application controls identified above.

Year 2 (ending Nov 2005): Develop procedures for the delivery, storage, disbursement and cleanup of salt and sand applications.

Year 3 (ending Nov 2006): Implement procedures for the delivery, storage, disbursement and cleanup of salt and sand applications.

Year 4 (ending Nov 2007): Review the previous year's procedures for the delivery, storage, disbursement and cleanup of salt and sand applications. Implement the existing or revised procedures.

Year 5 (ending Nov 2008): Review the previous year's procedures for the delivery, storage, disbursement and cleanup of salt and sand applications. Implement the existing or revised procedures.

8.2.1.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and location of salt and sand storage facilities; and
- Estimated amount of salt and sand applied throughout the year.

8.2.2 Designated Snow Disposal Areas

Currently, the City of Huntington places cleared snow at a location approximately 200 feet from the banks of Little River.

The following is the proposed Snow Disposal controls for all operational areas within the City of Huntington.

The City of Huntington may establish additional areas designated for snow disposal that have minimum potential for pollutants to runoff and impact the stormwater system, aside from the current designated area. Following the snowmelt, remaining debris will be collected and disposed of in accordance with Section 8.3 of this chapter.

8.2.2.1 Implementation Schedule

The implementation of Snow Disposal controls will be the responsibility of the Street Superinendent. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the Snow Disposal controls identified above.

Year 2 (ending Nov 2005): Investigate the need for additional locations for storing excess amounts of snow.

Year 3 (ending Nov 2006): Establish a designated and additional snow disposal area, if needed. In the event that an additional snow disposal area is developed, store excess snow at this location when necessary.

Year 4 (ending Nov 2007): Review the effectiveness of the existing designated disposal area, making changes as necessary, storing excess snow at the current designated or newly designated area if necessary.

Year 5 (ending Nov 2008): Review the effectiveness of the existing designated disposal area, making changes as necessary, storing excess snow at the current designated or newly designated area if necessary.

8.2.2.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and location of areas used for disposal; and
- Amount of material collected and disposed of following the snowmelt.

8.2.3 Containment Facilities for Accidental Pollution

Currently, the City of Huntington has only one location with storage tanks. The Wastewater Treatment Plant keeps polymer in 55 gallon drums. Containment features are in place in this storage area. The Street Department has two 55 gallon drums; one contains antifreeze and the other containing oil.

The following is the proposed Accidental Pollution controls for all operational areas within the City of Huntington.

Provide facilities for containment of any accidental loses of concentrated solutions, acids, alkalies, salts, oils or other polluting materials. In addition, all future storage areas will be required to have containment structure enclosures designed to meet current OSHA, State, and local codes.

8.2.3.1 Implementation Schedule

The implementation of Accidental Pollution controls will be the responsibility of the MS4 Operator. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed Accidental Pollution controls identified above.

Year 2 (ending Nov 2005): Identify storage areas of concentrated solutions, acids, alkalies, salts, oils or other polluting materials. Ensure that all new storage areas have containment structure enclosures designed to meet current OSHA, State, and local codes.

Year 3 (ending Nov 2006): Evaluate alternatives for providing containment for the identified storage areas in Year 2. Ensure that all new storage areas have containment structure enclosures designed to meet current OSHA, State, and local codes.

Year 4 (ending Nov 2007): Prioritize the implementation of retrofitting existing facilities with containment measures, based on areas of most concern. Ensure that all new storage areas have containment structure enclosures designed to meet current OSHA, State, and local codes.

Year 5 (ending Nov 2008): Continue the implementation of retrofitting existing facilities with containment measures, based on areas of most concern. Ensure that all new storage areas have containment structure enclosures designed to meet current OSHA, State, and local codes.

8.2.3.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and location of existing storage facilities;
- Number and location of existing storage facilities that have containment for accidental releases; and
- Number and location of storage facilities retrofitted for containment for accidental releases this year.

8.2.4 Spill Prevention and Response

Currently, the Huntington County Emergency Management (HCEM) responds to spills. However, the City of Huntington does not have a formal written program established for this activity.

The following is the proposed Operating Procedures for Spill Prevention and Clean up When Fueling for all operational areas for the City Huntington.

The City of Huntington will prohibit unattended filling of gasoline or diesel tanks. They will also require facilities to store absorbent materials near areas where fueling activities occur. Waste will be disposed of in accordance with Section 8.3 of this chapter. Spills will be recorded and the appropriate authority will be notified in accordance with procedures outlined in the Illicit Discharge Ordinance.

8.2.4.1 Implementation Schedule

The implementation of Operating Procedures for Spill Prevention and Clean up When Fueling will be the responsibility of the MS4 Operator. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed Operating Procedures for Spill Prevention and Clean up When Fueling identified above.

Year 2 (ending Nov 2005): Establish procedures for recording and reporting spills.

Year 3 (ending Nov 2006): Update and improve upon current spill prevention procedures, continuing the current or revised program throughout the year.

Year 4 (ending Nov 2007): Update and improve upon current spill prevention procedures, continuing the current or revised program throughout the year.

Year 5 (ending Nov 2008): Update and improve upon current spill prevention procedures, continuing the current or revised program throughout the year.

8.2.4.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and location of spills while fueling; and
- Number and location of spills, while fueling that were properly contained.

8.2.5 BMPs for Vehicular Maintenance Areas

Currently, the City of Huntington performs vehicular maintenance at municipal facilities. All municipal maintenance facilities drain to the combined sewer system.

The following is the proposed BMP for Vehicular Maintenance Areas for all operational areas within the City of Huntington.

> The City of Huntington will continue its current vehicular maintenance procedures. All collected waste will be disposed of in accordance with Section 8.3 of this chapter. The City of Huntington will be required to record the amount of fluids that they disposed of, or recycle, and report to the MS4 Operator so that it may be included in the annual report to IDEM.

8.2.5.1 Implementation Schedule

The implementation of BMPs for Vehicular Maintenance Areas will be the responsibility of the Street Superintendent. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed BMPs for Vehicular Maintenance Areas identified above.

Year 2 (ending Nov 2005): Establish procedures for recording and reporting the amount of fluids disposed of, or recycled, to the MS4 Operator. Continue current vehicular maintenance procedures.

Year 3 (ending Nov 2006): Update and improve upon the current vehicular maintenance procedures as necessary, continuing the current or revised procedures throughout the year.

Year 4 (ending Nov 2007): Update and improve upon the current vehicular maintenance procedures as necessary, continuing the current or revised procedures throughout the year.

Year 5 (ending Nov 2008): Update and improve upon the current vehicular maintenance procedures as necessary,

continuing the current or revised procedures throughout the year.

8.2.5.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and location of facilities that perform on-site vehicular maintenance properly;
- Amount of material collected and disposed of; and
- Amount of material recycled.

8.2.6 Operational Waste Water Controls

Currently, the City of Huntington washes its vehicles in the maintenance locations identified in Section 8.2.5 of this chapter. These facilities drain to the combined sewer system.

The following is the proposed Operational Waste Water Controls for all operational areas within the City of Huntington.

The City of Huntington will continue its current vehicular and equipment washing procedures. Appropriate containment measures will be employed to keep pollutants from entering stormwater conveyance systems.

Hydrodemolition waste will also be prohibited from entering stormwater runoff.

8.2.6.1 Implementation Schedule

The implementation of Operational Waste Water Controls will be the responsibility of the MS4 Operator. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed Operational Wash Water and Hydrodemolition controls identified above.

Year 2 (ending Nov 2005): Develop procedures for ensuring that all washing facilities and hydrodemolition activities drain to the sanitary sewer system.

Year 3 (ending Nov 2006): Ensure that all washing facilities and hydrodemolition activities drain to the sanitary sewer system.

Year 4 (ending Nov 2007): Ensure that all washing facilities and hydrodemolition activities drain to the sanitary sewer system.

Year 5 (ending Nov 2008): Ensure that all washing facilities and hydrodemolition activities drain to the sanitary sewer system.

8.2.6.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and location of wash facilities;
- Number and location of hydrodemolition activities; and
- Number and location of hydrodemolition activities properly contained.

8.2.7 Minimization of Pesticide and Fertilizer Usage

Currently, the City of Huntington's street department uses a minimal amount of herbicides and pesticides. One example is mosquito pesticide. The City purchases mosquito pesticide from the County Health Department and applies it to roadsides within the City as needed.

The following is the proposed BMPs for the Minimization of Pesticide and Fertilizer Use for all operational areas within the City Huntington.

In addition to the procedures already being carried out by the City of Huntington, pesticides and fertilizers will be used, applied, handled, stored, mixed, loaded, transported and disposed of via office of the Indiana State Chemists Guidance Requirements. All applications and disposals will be recorded and reported to the MS4 Operator to be included in the annual report to IDEM.

8.2.7.1 Implementation Schedule

The implementation of BMPs for the Minimization of Pesticide and Fertilizer Use will be the responsibility of the Street Department. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed BMPs for the Minimization of Pesticide and Fertilizer Use identified above.

Year 2 (ending Nov 2005): Develop procedures for using, applying, handling, storing, mixing, loading, transporting and disposing of pesticides and fertilizers in accordance with the Indiana State Chemists Guidance Requirements.

Year 3 (ending Nov 2006): Implement procedures for using, applying, handling, storing, mixing, loading, transporting and disposing of pesticides and fertilizers in accordance with the Indiana State Chemists Guidance Requirements.

Year 4 (ending Nov 2007): Update, if necessary, and continue procedures for using, applying, handling, storing, mixing, loading, transporting and disposing of pesticides and fertilizers in accordance with the Indiana State Chemists Guidance Requirements.

Year 5 (ending Nov 2008): Update, if necessary, and continue procedures for using, applying, handling, storing, mixing, loading, transporting and disposing of pesticides and fertilizers in accordance with the Indiana State Chemists Guidance Requirements.

8.2.7.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Amount, type, location, and estimated square footage where pesticides were used; and
- Amount, type, location, and estimated square footage where fertilizers were used;
- Amount and type of pesticides and fertilizers disposed of; including their method of disposal.

8.2.8 Proper Disposal of Animal Wastes

Currently, the City of Huntington does not have a Canine Park, or any other operational areas with a concentration of animal waste.

The following is the proposed BMPs for the Proper Disposal of Animal Wastes within the City of Huntington.

At a minimum, canine parks, and other operational areas with a concentration of animal waste, will not be built any closer than 150 feet from a surface water body.

8.2.8.1 Implementation Schedule

The implementation of BMPs for the Proper Disposal of Animal Wastes will be the responsibility of the MS4 Operator. The following schedule will be pursued.

Year 1 (ending Nov 2004): Approve the proposed BMPs for the Proper Disposal of Animal Wastes identified above.

Year 2 (ending Nov 2005): The City will review any existing codes or ordinance for setback or disposal requirements for operational areas with concentrations of animal waste.

Year 3 (ending Nov 2006): Develop an ordinance, or other regulatory mechanism, for the development of operational areas with concentrations of animal waste and the proper disposal of animal wastes from these areas.

Year 4 (ending Nov 2007): Implement the ordinance or regulatory mechanism.

Year 5 (ending Nov 2008): Review plans for the development of new operational areas for compliance with the ordinance or regulatory mechanism implemented in Year 4.

8.2.8.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and location of operational areas with concentrations of animal waste (i.e. canine parks).

8.3 Waste Disposal from MS4 systems and operational areas

The following pollution prevention and good housekeeping measures include procedures for implementing proper Waste Disposal from MS4 Systems and Operational Areas within the City of Huntington.

Currently the City of Huntington does not operate under a formal waste disposal program for their MS4 systems and operational areas.

The following is the proposed BMPs for the implementation of the proper disposal of wastes generated from MS4 systems and operational areas within the City of Huntington.

All materials removed from separate storm sewer systems and operational areas, including dredge spoil, accumulated sediments, floatables, and debris must be recycled or reused or disposed of in

accordance with applicable solid waste disposal regulations adhered to by the Huntington City Landfill.

Hazardous waste will be disposed of in accordance with Federal, State and Local regulations.

8.4 Flood Management and Stormwater Quality Standards

The following pollution prevention and good housekeeping measures include procedures for implementing Flood Management and Stormwater Quality Standards for the City of Huntington.

Currently, the City has existing stormwater infrastructure and structural BMPs that were built to manage stormwater quantity. Currently, the City owns two retention basins. One area is located in Memorial Park and the other is located in the industrial park area near Hauenstein Road.

The following is the proposed BMPs for the implementation of Flood Management and Stormwater Quality Standards within the City of Huntington.

The City will institute a program whereby existing stormwater flood management facilities will be reviewed to determine if stormwater quality control measures can be incorporated into the design.

8.4.1 Implementation Schedule

The implementation of BMPs for the implementation of Flood Management and Stormwater Quality Standards will be the responsibility of the MS4 Operator. The following schedule will be pursued.

Year 1 (ending Nov 2004): Develop a draft plan for evaluation of existing flood management facilities for possible implementation of stormwater quality BMPs.

Year 2 (ending Nov 2005): Develop plan review criteria for existing developments to determine if stormwater quality control can be incorporated into the design. Review construction plans for implementation.

Year 3 (ending Nov 2006): Review criteria and update as necessary. Review updated facilities for compliance.

Year 4 (ending Nov 2007): Review criteria and update as necessary. Review updated facilities for compliance.

Year 5 (ending Nov 2008): Review criteria and update as necessary. Review updated facilities for compliance.

8.4.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and location of existing facilities evaluated for stormwater quality control measures; including the type of control measures used; and

- Number and location of existing flood and stormwater management infrastructure retrofitted with stormwater quality control measures; including the type of control measure used.

8.5 Annual Training of MS4 Personnel

The following pollution prevention and good housekeeping measures include procedures for training existing and new employees for the City of Huntington.

Current Employee Training: Current employees whose work could affect stormwater quality, including but not limited to: city maintenance staff, janitorial personnel, and police and fire personnel, will be required to complete training on stormwater related policies, programs, and procedures. This training will be documented and retained.

During subsequent years current employees whose work could affect stormwater quality will be required to complete annual refresher training in various areas affecting stormwater quality and how it relates to their job. This training will be documented and retained.

Employees will be trained on topics, including but not limited to: proper disposal of hazardous waste, vegetative waste handling, fertilizer and pesticide application and the function of implemented BMPs.

New Employee Training: New employees whose work could affect stormwater quality will be required to complete training on stormwater related policies, programs, and procedures. The training will take place within the first two months of employment with the City or related governmental entity with authority within the Huntington City Limits. This training will be documented and retained.

Employees will be trained on topics, including but not limited to: proper disposal of hazardous waste, vegetative waste handling, fertilizer and pesticide application and the function of implemented BMPs.

8.5.1 Implementation Schedule

The implementation of the Annual Training of MS4 Personnel program will be the responsibility of the MS4 Operator. The following schedule will be pursued.

Year 1 (ending Nov 2004): The City will begin to develop training policy and procedures for all of the programs developed within this chapter.

Year 2 (ending Nov 2005): The City will implement training policy and procedures, and develop training methods for employees.

Year 3 (ending Nov 2006): The City will begin training employees.

Year 4 (ending Nov 2007): The City will continue training employees.

Year 5 (ending Nov 2008): The City will evaluate the policies, procedures, and training methods; and begin implementing any recommended changes.

8.5.2 Items to be Tracked

The following items will be recorded on the corresponding reporting form located at the end of this chapter.

- Number and names of new employees trained about stormwater quality related policies and procedures.
- Number and names of current employees trained about stormwater quality related policies and procedures.

8.6 Consistency with the CSOOP and the LTCP

The City of Huntington's Combined Sewer Overflow Operational Plan (CSOOP) and Long Term Control Plan (LTCP) have been reviewed for their provisions on good housekeeping and pollution prevention. It was found that the LTCP mentioned such pollution prevention and good housekeeping activities, including catch basin cleaning, and street sweeping; however, this SWQMP provides the means necessary for implementing and tracking such activities. The CSOOP had no mention of pollution prevention or good housekeeping measures.

In conclusion, the efforts of this SWQMP, which aim to improve or protect receiving water quality by altering municipal or facilities operations, are not in conflict with or a duplication of the neither City of Huntington's LTCP nor their CSOOP. Rather, the pollution prevention and good housekeeping measures of this SWQMP compliment such efforts of the City's LTCP and CSOOP.

8.1.1 Litter Pick-Up Reporting Form

Date	Location Description	Work Performed By

Subtotal

8.1.2a Stormwater Structure and Conveyance Cleaning and Inspection Reporting Form

Date	Location Description	Structure or Conveyance (Type or #)	Work Performed By	Est. Amount of Materials Collected	Overall Condition	Maintenance or Repairs Needed

Subtotal _____
Units _____

8.1.2b Stormwater Structure and Conveyance Cleaning Maintenance Reporting Form

Date	Location Description	Structure or Conveyance (Type or #)	Work Performed By	Description of Repairs or Improvements

YEAR ____

CITY OF HUNTINGTON
STORMWATER QUALITY MANAGEMENT PLAN

8.1.3 Pavement Sweeping Reporting Form

Date	Location Description	Work Performed By	Est. Amount of Materials Collected

Subtotal _____
Units _____

8.1.4a Roadside Shoulder and Ditch Inspection Reporting Form

Date	Location Description	Work Performed By	Overall Condition	Est. Linear Footage of Roadside Shoulders and Ditches Inspected
			Subtotal	

8.1.4b Roadside Shoulder and Ditch Stabilization Reporting Form

Date	Location Description	Work Performed By	Description of Repairs or Improvements	Est. Linear Footage of Repairs or Improvements
			Subtotal	

8.1.5a Roadside Vegetation Inspection Reporting Form

Date	Location Description	Work Performed By	Overall Condition	Est. Linear Footage of Roadside Vegetation Inspected
			Subtotal	_____

8.1.5b Roadside Vegetation Maintenance Reporting Form

Date	Location Description	Work Performed By	Description of Repairs or Improvements	Est. Linear Footage of Repairs or Improvements
			Subtotal	

8.1.6a Outfall Inspection Reporting Form

Date	Location Description	Work Performed By	Overall Condition	Maintenance or Repairs Needed

8.1.6b Outfall Scouring Remediation Reporting Form

Date	Location Description	Outfall Description (Type or #)	Work Performed By	Description of Repairs or Improvements

8.2.1 Salt and Sand Storage, and Application Reporting Form

Date	Location Description	Work Performed By	Est. Amount of Salt and Sand Applied

Subtotal _____

Units _____

YEAR ____

CITY OF HUNTINGTON
STORMWATER QUALITY MANAGEMENT PLAN

8.2.2 Designated Snow Disposal Area Reporting Form

Date	Location Description	Work Performed By	Est. Amount of Materials Collected

Subtotal ____________
Units ____________

8.2.3 Containment Facilities for Accidental Pollution Reporting Form

Date	Location Description	Work Performed By	Work Performed	Retrofited: Yes or No

8.2.4 Spill Prevention and Response When Fueling Reporting Form

Date	Location Description	Type of Spill	Containment Measure(s)	Reported By	Reported To

YEAR ____

CITY OF HUNTINGTON
STORMWATER QUALITY MANAGEMENT PLAN

8.2.5 Best Management Practices for Vehicular Maintenance Areas Reporting Form

Date	Location Description	Work Performed By	Work Performed	Est. Amount of Material Disposed of	Est. Amount of Material Recycled

Subtotal _____
Units _____

8.2.6 Operational Hydrodemolition Waste Water Controls Reporting Form

Date	Location Description	Hydrodemolition Activity Description	Containment Measure(s)	Work Inspected By

YEAR ____

CITY OF HUNTINGTON
STORMWATER QUALITY MANAGEMENT PLAN

8.2.7a Pesticide and Fertilizer Application Reporting Form

Date	Location Description	Type of Pesticide/Fertilizer	Work Performed By	Est. Amount of Pesticide or Fertilizer Applied	Est. Square Footage of Area Covered

Subtotal _____
Units _____

8.2.7b Unused Pesticide and Fertilizer Disposal Reporting Form

Date	Location Description	Type of Pesticide or Fertilizer	Method of Disposal	Work Performed By	Est. Amount of Pesticide or Fertilizer Disposed of

Subtotal _____
Units _____

8.4 Flood Management and Stormwater Quality Standards Reporting Form

Date	Location Description	Reviewed for Stormwater Quality BMPs: Yes or No	Existing Control Measure(s) Used	Retrofitted for Stormwater Quality	Work Performed By

8.5 Training for MS4 Personnel Reporting Form

Date	Name of Trainee	New or Existing Employee	Name of Trainer	Trained on

Appendix A: MS4 Area Boundary Narrative

Starting Point: the intersection of US 24, Park Drive, and S.R. on the western edge of the City

The corporate limits follow US Hwy 24 north along the eastern edge of the highway approximately 1,000 feet, cross the highway and continue in a northeasterly direction for approximately 2,500 feet where they turn north towards Flaxmill Road, approximately 2,000 feet. At Flaxmill Road, the corporate limits turn east, covering approximately 2,500 feet before turning north towards Hauenstein Road approximately 2,500 feet. Turning east at Hauenstein Road for approximately 750 feet, the corporate limits again turn north for approximately 1,500 feet, east 1,000 feet, north 200 feet, east 1,500 feet, north 500 feet, east 200 feet, north 200 feet, southeast 500 feet, and northeast 750 feet to Jefferson Street, otherwise known as S.R. 5.

The corporate limits then turn north along S.R. 5 approximately 300 feet, east 1,000 feet, northwest 1,000 feet, and east along W 515 N to the intersection of W 515 N, N Clear Creek Road and N 300 W. The corporate limits then turn north along N 300 W for approximately 1,500 feet before turning east just north of Westmoreland and Bellingham Drive to the railroad. The corporate limits continue to follow the railroad right-of-way southeast turning northeast at E Tipton Street to reach Old S.R. 9.

At Old S.R. 9, the corporate limits turn south for approximately 200 feet, east 1,000 feet, north 100 feet, east 750 feet, south 300 feet, and northeast 300 feet to Old US 24. Following Old US 24 for approximately 1,000 feet, the corporate limits then turn south for approximately 1,000 feet and east approximately 600 feet to N Broadway Street. At N Broadway Street, the corporate limits turn south crossing the Little River and following N Broadway to a point approximately 300 feet south of Riverside Drive where they turn west.

The corporate limits continue in a westerly direction for approximately 750 feet and south approximately 500 feet to Indiana Street. Turning west for approximately 300 feet along Indiana Street, the corporate limits then turn south for approximately 750 feet, west for approximately 1,300 feet and southeast for approximately 1,000 feet to E Taylor Street.

The corporate limits then turn west along E Taylor Street for approximately 500 feet to Evergreen Avenue where they continue south crossing Jefferson, which at this location is also referred to as Hwy 224, to a point approximately 400 feet south of the intersection of Hwy 224 and Evergreen Avenue. At this point, the corporate limits turn west for approximately 2,750 feet to Salamonie Street where they turn south and then west along South Street to Drover Street.

At Drover Street the corporate limits turn south for approximately 2,000 feet and west approximately 600 feet to Engle Street. The corporate limits continue south along Engle Street to the intersection of Engle and Waterworks Road

where they turn west along Waterworks Road. At the intersection of Waterworks Road and Etna Avenue the corporate limits turn south along Etna Avenue and then follow the north bank of the Wabash River crossing over the River at a point approximately 1,000 feet north of 200 N for approximately 700 feet.

The corporate limits then cross 200 N, continue south for approximately 1,300 feet, west 2,000 feet, south approximately 600 feet, west approximately 2,500 feet (crossing S.R. 9), and north approximately 2,000 feet to 200 N. The corporate limits then turn east, following 200 N crossing over S.R. 9, again, and turn north along the eastern edge of S.R. 9 to the Norfolk & Western Railroad and the confluence of the Wabash and Little River. From there the corporate limits return to the starting point at the intersection of S.R. 9, US 24 and Park Avenue.

MS4 Conditions Map Legend

Structural BMPs

EBMP.1 municipally maintained detention/retention pond
EBMP.2 municipally maintained detention/retention pond
EBMP.3 municipally maintained detention/retention pond

Sensitive Areas

S.1 State and Federally listed, threatened or endangered species habitats – The presence of bats has been confirmed along the Salomonie River in Huntington Co.

S.2 Public Surface Water Intakes – Huntington obtains its drinking water from groundwater, therefore there are no public surface water intakes.

S.3 Public Access/Full Body Contact Recreation Areas – No public access sites, however the River Greenway, Elmwood and Forks of the Wabash Park are located along the Little River

S.4 Outstanding Rivers – The Wabash and Little Rivers are tributaries of the "State Legislated Wabash River Heritage Corridor."

S.5 Locally Identified Sensitive Areas – None

S.6 Outstanding State Resource Waters – None

Areas Having Reasonable Potential for Causing Water Quality Problems

Industrial Stormwater Discharges (Rule 6 Permit Holders)

R.1 Cambridge Industries

R.2 Eagle-Picher Plastics Division

R.3 Meridian Automotive

R.4 Clarks Inc.

R.5 Gladieux Processing, LLC. – *located outside of the corporate limits and therefore not on the MS4 Conditions Map*

R.6 Great Northern (Gladieux) – *located outside of the corporate limits and therefore not on the MS4 Conditions Map*

R.7 Hayes Wheels International

R.8 Ecolab

R.9 Huntington Municipal Airport – *located outside of the corporate limits and therefore not on the MS4 Conditions Map*

R.10 Huntington Ready Mix Inc.

R.11 H & W Sand & Gravel Corp

R.12 Isolatek International

R.13 Ken-Koat, Inc.

R.14 Orton/McCullough Crane Co.

R.15 Shuttleworth Inc.

R.16 Square D Company

R.17 Vermont Castings Majestic Prod

R.18 Majco Building Special Ties L.P.

R.19 Wabash Technologies

Industrial Sites Discharging to the MS4 Conveyance System

I.1 ECOLAB, 970 East Tipton, contact: Jeff Demeny, ph. 359-3261, SIC Code: 2841

I.2 Good Humor-Breyers, 435 West State Street, contact: Tom Keough, ph. 356-9530, SIC Code: 2011

I.3 Hayes-Lemmerz Wheels, 1870 Riverfork Drive, contact: Ted Johnson, ph. 356-7001, SIC Code: 3714

I.4 Bendix Commercial Vehicle Brake Systems, 1850 Riverfork Drive East, contact: William Schubert, ph. 358-4456, SIC Code: 3714

I.5 Huntington Electric, 550 Condit Street, contact: Michael Korshid, ph. 356-0756, SIC Code: 36766719

I.6 Huntington Powder Coating, 1675 Riverfork Drive East, contact: Dan Drummond, ph. 356-9011, SIC Code: 3444

I.7 Imco, Incorporated, 1819 West Park Drive, contact: Paul Abbott, ph. 356-4810, SIC Code: 3061

I.8 Isolatek International, 701 North Broadway Street, contact: Dan Redner, ph. 356-2040, SIC Code: 3296

I.9 Ken-Koat, Incorporated, 1605 Riverfork Drive East, contact: Shane Lowrance, ph. 356-4192, SIC Code: 3479

I.10 Lord Coating Technologies LLC, 1625 Riverfork Drive East, contact: Doug Squeglia, ph. 359-9058, SIC Code: 3471 & 3479

I.11 Majestic-Vermont Castings, 1000 East Market Street, ph. 356-8000, SIC Code: Closed

I.12 Meridian Automotive, 1890 Riverfork Drive West, contact: Wayne Desai, ph. 355-2474, SIC Code: 3089

I.13 Our Sunday Visitor, 200 Noll Plaza, contact: Tim Shoup, ph. 359-2505, SIC Code: 2677

I.14 Pulley Kellam Company, Incorporated, contact: Jeff Shipbaugh, ph. 359-2010, SIC Code: 331

I.15 Schenkel's All-Star Dairy, 1019 Flaxmill Road, contact: Mike Jamison, ph. 356-4225, SIC Code: 2026

I.16 Square D Company, 6 Commercial Road, contact: Gary Wireman, ph. 356-2060, SIC Code: 3677

I.17 Transwheel Corporation, 3000 Yeoman Way, contact: Ed Crouse, ph. 358-8660, SIC Code: 3714

I.18 Wabash Technologies, 1375 Swan Street, contact: Jim Helm, ph. 355-4247, SIC Code: 3679

Potential Sources of Contamination Inventory List

PS.1 Huntington Water Treatment Plant

PS.2 Huntington Wastewater Treatment Plant

Complaint Data

None

Wastewater Treatment Plant

WWTP Wastewater Treatment Plant

Salt Storage

SS Salt is stored at a location in the northwest corner of the intersections of Briant and Webster

Municipal Parking Facilities that discharge to the MS4 conveyance system

MP.1 the Street Department barn at the corner of Briant and Jefferson

MP.2 the City/Library Parking lot between Cherry and Poplar Streets just north of Market St

MP.3 the County Jail at the corner of State and Byron

Privately Operated Parking Facilities that discharge to the MS4 conveyance system

PP.1 Huntington North High School north of McGahen and west of Jefferson

PP.2 the Kreighaum Athletic Field East of Jefferson and north of Northcrest

PP.3 Huntington College between Guilford and Stultz south of U.S. 24

Outfalls

No known outfalls

Proposed Monitoring Locations

PM.1 Little River, upper: Meridian St. bridge between the corporate limits and the unincorporated industrial park

PM.2 Little River, lower: inside the corporate limits at the S.R. 9 bridge before the confluence with the Wabash River

PM.3 Wabash River, upper: just inside the corporate limits at Etna St. bridge

PM.4 Wabash River, lower: outside the corporate limits at Rangeline bridge after the confluence with the Little River

PM.5 Flint Creek, upper: U.S. 24 crossing just outside the corporate limits

PM.6 Flint Creek, lower: just before Flint Creek outfalls to the Little River

Combined Sewer Overflows (CSOs)

CSO #002
CSO #003
CSO #004
CSO #005
CSO #006
CSO #007
CSO #008
CSO #009
CSO #010
CSO #011
CSO #012
CSO #013
CSO #014
CSO #015
CSO #016

327 IAC 15-12-8 Standard conditions

Authority: IC 13-1-3-4; IC 13-1-3-7; IC 13-7-7; IC 13-7-10-1
Affected: IC 13-1-3; IC 13-7

Sec. 8. In addition to the conditions set forth in this rule, the standard conditions for the NPDES general permit rule under 327 IAC 15-4 shall apply also to this rule. *(Water Pollution Control Board; 327 IAC 15-12-8; filed May 25, 1994, 11:00 a.m.: 17 IR 2306; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518)*

327 IAC 15-12-9 Inspection and enforcement

Authority: IC 13-1-3-4; IC 13-1-3-7; IC 13-7-7; IC 13-7-10-1
Affected: IC 13-1-3; IC 13-7

Sec. 9. (a) The commissioner and/or designated representative may inspect any facility regulated under this rule at any time.

(b) Any person violating any provision of this rule shall be subject to enforcement and penalty as set forth under 327 IAC 15-1-4. *(Water Pollution Control Board; 327 IAC 15-12-9; filed May 25, 1994, 11:00 a.m.: 17 IR 2306; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518)*

327 IAC 15-12-10 Duration of coverage

Authority: IC 13-1-3-4; IC 13-1-3-7; IC 13-7-7; IC 13-7-10-1
Affected: IC 13-1-3; IC 13-7

Sec. 10. Coverage under this rule is granted by the commissioner for a period of five (5) years from the date coverage commences. To obtain renewal of coverage under this general permit rule, the information required under 327 IAC 15-3 shall be submitted to the commissioner within ninety (90) days of the termination of coverage under this NPDES general permit rule, unless the commissioner determines that a later date is acceptable. *(Water Pollution Control Board; 327 IAC 15-12-10; filed May 25, 1994, 11:00 a.m.: 17 IR 2306; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518)*

Rule 13. Storm Water Run-Off Associated with Municipal Separate Storm Sewer System Conveyances

327 IAC 15-13-1 Purpose

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 1. The purpose of this rule is to establish requirements for storm water discharges from municipal separate storm sewer system (MS4) conveyances so that public health, existing water uses, and aquatic biota are protected. *(Water Pollution Control Board; 327 IAC 15-13-1; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3577)*

327 IAC 15-13-2 Applicability

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 2. This rule applies to an MS4 entity that:

(1) is not required to obtain an individual NPDES permit under 327 IAC 5-4-6(a)(4), 327 IAC 5-4-6(a)(5), or 327 IAC 15-2-9(b);

(2) meets the general permit rule applicability requirements under 327 IAC 15-2-3;

(3) does not have coverage under an individual MS4 permit; and

(4) operates, maintains, or otherwise has responsibility for an MS4 conveyance within a designated MS4 area.

(Water Pollution Control Board; 327 IAC 15-13-2; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3577)

327 IAC 15-13-3 MS4 area designation criteria

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 3. (a) An MS4 entity that meets one (1) of the following is designated for permit coverage under this rule:

(1) Located within, or contiguous to, a mapped 2000 United States Census Bureau urbanized area (UA) and is:

(A) a municipality, regardless of its United States Census Bureau population; or

(B) a university, college, military base, hospital, or correctional facility with a full-time equivalent enrollment, daily user population, or bed count occupancy (based on the most recent enrollment count or population data) greater than or equal to one thousand (1,000).

(2) A county that contains a mapped UA. Only the portion of the county that contains the mapped UA, as delineated by political township or section, township, and range boundaries, must be regulated. If only a portion of the county contains a mapped UA, the MS4 entity may elect to regulate, to the extent of its authority, any additional portion of the county, as delineated by political township or section, township, and range boundaries, under this rule.

(3) A documented significant contributor of pollutants to waters or a regulated MS4 area.

(4) A municipality with a population density, according to 2000 United States Census Bureau data, of five hundred (500) people per square mile or greater and United States Census Bureau population of ten thousand (10,000) or more.

(5) A municipality with a population density, according to 2000 United States Census Bureau data, of five hundred (500) people per square mile or greater, United States Census Bureau population greater than seven thousand (7,000) and less than ten thousand (10,000), and having a positive, ten (10) year population growth percentage greater than or equal to ten percent (10%).

(6) A municipality with a population density, according to 2000 United States Census Bureau data, of five hundred (500) people per square mile or greater, United States Census Bureau population greater than seven thousand (7,000) and less than ten thousand (10,000), and having a university or college full-time equivalent enrollment, military base population, hospital bed count occupancy, or correctional facility daily user population (based on the most recent enrollment, count, or population data) that places the total population greater than or equal to ten thousand (10,000).

(7) A university, college, military base, hospital, or correctional facility with a full-time equivalent enrollment, daily user population, or bed count occupancy greater than or equal to one thousand (1,000), located within a designated municipality, and having responsibility for a storm water conveyance.

(8) A conservancy district or homeowner's association with a population within their service area of greater than or equal to one thousand (1,000) people, located within a designated municipality or mapped UA, and having responsibility for a storm water conveyance.

(9) A public or private storm water utility that serves one (1) or more of the MS4 entities designated under subdivisions (1) through (8).

(b) An MS4 entity not already designated under subsection (a) may be designated for permit coverage if its discharge is to a sensitive area or if other environmental programs are not adequately protecting water quality.

(c) Once an MS4 entity is designated under this section, it remains designated until the expiration of its permit unless any of the conditions for termination in section 20 of this rule are applicable or a waiver is granted in accordance with subsection (f).

(d) The department shall notify MS4 entities meeting the designation criteria of this section in writing. If the department does not notify an MS4 entity in writing, an MS4 entity meeting the designation criteria of this section must comply with the requirements of section 9(e) of this rule.

(e) A designated MS4 entity subject to this rule is also subject to the requirements of 327 IAC 15-2-9(b) and may be required to obtain an individual NPDES permit.

(f) A designated MS4 entity may request a waiver from permit coverage under this rule. Unless an MS4 entity's conveyance system is substantially contributing to the pollutant loadings of a regulated, physically interconnected MS4 entity or a department determination is made that requires storm water controls, MS4 entities within a mapped UA that have a conveyance system serving a population of less than one thousand (1,000) are conditionally granted a waiver. For all other MS4 entities, this waiver will only be granted under the following conditions:

(1) The MS4 entity's conveyance system serves a population of less than ten thousand (10,000).

(2) The MS4 entity's conveyance system is not contributing substantially to the pollutant loadings of a physically

interconnected MS4 entity that is regulated by this rule.

(3) An evaluation of all waters that receive a discharge from the MS4 entity's conveyance system has been conducted by the department or another approved entity.

(4) For all evaluated waters, the department has determined that storm water controls are not needed based on wasteload allocations that are part of a United States Environmental Protection Agency approved or established total maximum daily load or equivalent process and are reflective of pollutants identified as sources of impairment.

(5) The department has determined that future discharges from the MS4 entity's conveyance system do not have the potential to result in exceedances of water quality standards, including impairment of designated uses or other significant water quality impacts, including habitat and biological impacts.

(Water Pollution Control Board; 327 IAC 15-13-3; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3577; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191)

327 IAC 15-13-4 General permit boundary

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 4. (a) This general permit covers Indiana.

(b) For each MS4 entity, the permit covers all storm water discharges from conveyance systems for which it has jurisdiction or, in the case of designated counties, the portion of the county jurisdictional area depicted in a mapped UA, as specified under section 3(a)(2) of this rule, unless appropriate written, enforceable, legal documentation has been obtained to allow another entity to have permit responsibilities for systems and areas within another entity's jurisdiction. *(Water Pollution Control Board; 327 IAC 15-13-4; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3578)*

327 IAC 15-13-5 Definitions

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-11-2; IC 13-18-4; IC 13-20-10; IC 14-32

Sec. 5. For purposes of this rule, the following definitions apply:

(1) "Best management practice" or "BMP" means any structural or nonstructural control measure utilized to improve the quality and, as appropriate, reduce the quantity of storm water run-off. The term includes schedules of activities, prohibitions of practice, treatment requirements, operation and maintenance procedures, use of containment facilities, land use planning, policy techniques, and other management practices.

(2) "Buffer strip" means an existing, variable width strip of vegetated land intended to protect water quality and terrestrial and aquatic habitat in an adjacent resource or area.

(3) "Canine park" means a designated public location where dogs are restricted and animal waste may accumulate. For the purposes of this rule, the term does not include kennels, municipal dog impoundments, or humane society buildings.

(4) "Class V injection well" means a type of well, which typically has a depth greater than its largest surface dimension, emplaces fluids into the subsurface, and does not meet the definitions of Class I through Class IV wells as defined under 40 CFR 146.5. While the term includes the specific examples described in 40 CFR 144.81, septic systems that serve more than one (1) single-family dwelling or provide service for nondomestic waste, dug wells, bored wells, improved sinkholes, french drains, infiltration sumps, and infiltration galleries, it does not include surface impoundments, trenches, or ditches that are wider than they are deep.

(5) "Combined sewer" means a sewer that is designed, constructed, and used to receive and transport combined sewage.

(6) "Combined sewer operational plan" or "CSOOP" means a plan that contains the minimum technology controls applicable to, and requirements for operation and maintenance of, a combined sewer system:

(A) before;
(B) during; and
(C) upon completion of;

the implementation of a long term control plan.

(7) "Commissioner" refers to the commissioner of the department of environmental management.

(8) "Constructed wetland" means a manmade shallow pool that creates growing conditions suitable for wetland vegetation and is designed to maximize pollutant removal.
(9) "Contiguity" means an entity's proximity to a designated MS4 area in such a way that it allows for direct discharges of storm water run-off into the regulated MS4 conveyance.
(10) "Conveyance" means any structural process for transferring storm water between at least two (2) points. The term includes piping, ditches, swales, curbs, gutters, catch basins, channels, storm drains, and roadways.
(11) "Daily user population" means a population for an entity that is present at that location on a daily basis.
(12) "Dechlorinated swimming pool discharge" means chlorinated water that has either sat idle for seven (7) days following chlorination prior to discharge to the MS4 conveyance or, by analysis, does not contain detectable concentrations (less than five-hundredths (0.05) milligram per liter) of chlorinated residual.
(13) "Department" refers to the department of environmental management.
(14) "Detention basin" means a type of storage practice used to detain or slow storm water run-off and then release it through a positive outlet.
(15) "Disposal" means the:
(A) discharge;
(B) deposit;
(C) injection;
(D) spilling;
(E) leaking; or
(F) placing;
of any solid waste or hazardous waste into or on any land or water so that the solid waste or hazardous waste, or any constituent of the waste, may enter the environment, be emitted into the air, or be discharged into any waters, including ground waters.
(16) "Dry well" means a type of infiltration practice that allows storm water run-off to flow directly into the ground via a bored or otherwise excavated opening in the ground surface.
(17) "Filter strip" means a type of vegetative practice used to filter storm water run-off through the use of planted or existing vegetation near disturbed or impervious surfaces.
(18) "Floatable" means any solid waste that, due to its physical characteristics, will float on the surface of water. For the purposes of this rule, the term does not include naturally occurring floatables, such as leaves or tree limbs.
(19) "Flood plain" means the area adjoining a river, stream, or lake that is inundated by the base flood as determined by 312 IAC 10.
(20) "Floodway" means the channel of a river or stream and those portions of the flood plain adjoining the channel that are reasonably required to efficiently carry and discharge the peak flow from the base flood as determined by 312 IAC 10.
(21) "Full-time equivalent enrollment" means a college or university enrollment of undergraduate students currently taking fifteen (15) credit hours of course work and graduate or professional students currently taking twelve (12) credit hours of course work. Each respective fifteen (15) or twelve (12) credit hours of course work equals one (1) full-time equivalent.
(22) "Garbage" means all putrescible animal solid, vegetable solid, and semisolid wastes resulting from the:
(A) processing;
(B) handling;
(C) preparation;
(D) cooking;
(E) serving; or
(F) consumption;
of food or food materials.
(23) "General permit rule boundary" means an area based upon existing geographic or political boundaries indicating the area within which an MS4 conveyance affected by this rule is located.
(24) "Grass swale" means a type of vegetative practice used to filter storm water run-off via a vegetated, shallow-channel conveyance.
(25) "Ground water" means such accumulations of underground water, natural or artificial, public and private, or parts thereof, which are wholly or partially within, flow through, or border upon this state. The term does not include manmade underground

storage or conveyance structures.

(26) "Household hazardous waste" or "HHW" means solid waste generated by households that:

(A) is ignitable, as defined under 40 CFR 261.21;

(B) is toxic, as defined under 40 CFR 261.24;

(C) is reactive, as defined under 40 CFR 261.23;

(D) is corrosive, as defined under 40 CFR 261.22; or

(E) otherwise poses a threat to human health or the environment.

(27) "Hydrologic unit code" or "HUC" means a numeric United States Geological Survey code that corresponds to a watershed area. Each area also has a text description associated with the numeric code.

(28) "Illicit discharge" means any discharge to an MS4 conveyance that is not composed entirely of storm water, except naturally occurring floatables, such as leaves or tree limbs. Sources of illicit discharges include sanitary wastewater, septic tank effluent, car wash wastewater, oil disposal, radiator flushing disposal, laundry wastewater, roadway accident spillage, and household hazardous wastes.

(29) "Impervious surface" means any surface that prevents storm water to readily infiltrate into the soils.

(30) "Individual NPDES permit" means an NPDES permit issued to one (1) MS4 operator that contains requirements specific to that MS4 conveyance.

(31) "Infiltration basin or trench" means a type of infiltration practice used to filter storm water run-off into soils via the use of installed structures with porous material.

(32) "Infiltration gallery" means a type of infiltration practice used to filter storm water run-off into soils that utilizes one (1) or more vertical pipes leading to a horizontal, perforated pipe laid within a trench, often backfilled with gravel or some other permeable material.

(33) "Infiltration practices" means any structural BMP designed to facilitate the percolation of run-off through the soil to ground water. Examples include infiltration basins or trenches, dry wells, and porous pavement.

(34) "Initial receiving water" means a water that is the direct recipient of a discharge from an MS4 area after the discharge passes through another MS4 conveyance.

(35) "Larger common plan of development or sale" means a plan, undertaken by a single developer or a group of developers acting in concert, to offer lots for sale or lease; where such land is contiguous, or is known, designed, purchased, or advertised as a common unit or by a common name, such land shall be presumed as being offered for sale or lease as part of a larger common plan. The term also includes phased construction by a single entity for its own use.

(36) "Legally binding agreement" means a written, enforceable legal document used to describe responsibilities between joint permittees or other entities.

(37) "Load allocation" means the portion of a receiving waterbody's loading capacity that is attributed either to one (1) of its existing or future nonpoint sources of pollution or to natural background sources.

(38) "Long term control plan" or "LTCP" means a plan that is:

(A) consistent with the federal Combined Sewer Overflow Control Policy (59 FR 18688); and

(B) developed in accordance with the recommendations set forth in Combined Sewer Overflows Guidance for Long-Term Control Plan (EPA 832B95002).

(39) "Minimum control measure" or "MCM" refers to the following minimum measures required by this rule:

(A) Public education and outreach.

(B) Public participation and involvement.

(C) Illicit discharge detection and elimination.

(D) Construction site run-off control.

(E) Postconstruction run-off control.

(F) Pollution prevention and good housekeeping.

(40) "MS4 area" means a land area comprising one (1) or more places that receives coverage under one (1) NPDES storm water permit regulated by this rule or 327 IAC 5-4-6(a)(4) and 327 IAC 5-4-6(a)(5).

(41) "MS4 entity" means a public or private body that owns, operates, or maintains a storm water conveyance system, including a transportation agency operated by that body. The term can also include federal, state, city, town, county, district, association, or township public bodies and privately owned universities, colleges, or storm water utilities. For the purposes of this rule, the term does not include non-MS4 entity-owned shopping malls, office parks, apartment complexes, golf courses,

churches, or hotels.
(42) "MS4 operator" means the person responsible for development, implementation, or enforcement of the MCMs for a designated MS4 area.
(43) "Municipal separate storm sewer system" or "MS4" means a conveyance or system of conveyances, including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains, that is:
(A) owned or operated by a:
(i) federal, state, city, town, county, district, association, or other public body (created by or pursuant to state law) having jurisdiction over storm water, including special districts under state law such as a sewer district, flood control district, or drainage district, or similar entity, or a designated and approved management agency under Section 208 of the Clean Water Act (33 U.S.C. 1288) that discharges into waters of the state; or
(ii) privately owned storm water utility, hospital, university, or college having jurisdiction over storm water that discharges into waters of the state;
(B) designed or used for collecting or conveying storm water;
(C) not a combined sewer; and
(D) not part of a publicly owned treatment works (POTW) as defined at 40 CFR 122.2.
(44) "Municipal, state, federal, or institutional refueling area" means an operating gasoline or diesel fueling area whose primary function is to provide fuel to either municipal, state, federal, or institutional equipment or vehicles.
(45) "Mutual drain" means a drainage system that:
(A) is located on two (2) or more tracts of land that are under different ownership;
(B) was established by the mutual consent of all the owners; and
(C) was not established under or made subject to any drainage statute.
(46) "Nonpoint source" means a source of water pollution that does not meet the definition of point source. The term includes in-place pollutants, direct wet and dry deposition, ground water inflow, and overland run-off.
(47) "Notice of deficiency letter" or "NOD letter" means a written notification from the department indicating an MS4 entity's deficiencies in its NOI letter or SWQMP submittals.
(48) "Notice of intent letter" or "NOI letter" means a written notification indicating an MS4 entity's intention to comply with the terms of this rule in lieu of applying for an individual NPDES permit and includes information as required under sections 6 and 9 of this rule. It is the application for obtaining permit coverage under this rule.
(49) "Notice of sufficiency letter" or "NOS letter" means a written notification from the department indicating that an MS4 entity has sufficiently provided the required information in its NOI letter or SWQMP submittals.
(50) "Notice of termination letter" or "NOT letter" means a written notification from the department indicating that an MS4 entity has met the conditions to terminate its permit coverage under this rule.
(51) "Open space" means any land area devoid of any disturbed or impervious surfaces created by industrial, commercial, residential, agricultural, or other manmade activities.
(52) "Outfall" means a point source discharge via a conveyance of storm water run-off into a water of the state.
(53) "Outfall scouring" means the deterioration of a stream bed or lake bed from an outfall discharge to an extent that the excessive settling of solid material results and aquatic habitat is diminished.
(54) "Point source" means any discernible, confined, and discrete conveyance, including a pipe, ditch, channel, tunnel, conduit, well, or discrete fissure.
(55) "Pollutant of concern" means any pollutant that has been documented via analytical data as a cause of impairment in any waterbody, or to another MS4, to which the MS4 discharges.
(56) "Porous pavement" means a type of infiltration practice to improve the quality and reduce the quantity of storm water run-off via the use of manmade, pervious pavement which allows run-off to percolate through the pavement and into underlying soils.
(57) "Private drain" means a drainage system that:
(A) is located on land owned by one (1) person or by two (2) or more persons jointly; and
(B) was not established under or made subject to any drainage statute.
(58) "Programmatic indicator" means any data collected by an MS4 entity that is used to indicate implementation of one (1) or more minimum control measures.
(59) "Qualified professional" means an individual who is trained and experienced in storm water treatment techniques and

related fields as may be demonstrated by state registration, professional certification, experience, or completion of coursework that enable the individual to make sound, professional judgments regarding storm water control or treatment and monitoring, pollutant fate and transport, and drainage planning.

(60) "Rain garden" means a vegetative practice used to alter impervious surfaces, such as roofs, into pervious surfaces for absorption and treatment of rainfall.

(61) "Receiving stream" or "receiving water" means a waterbody that receives a discharge from an outfall. The term does not include private drains, unnamed conveyances, retention and detention basins, or constructed wetlands used as treatment.

(62) "Redevelopment" means alterations of a property that change a site or building in such a way that there is disturbance of one (1) acre or more of land. The term does not include such activities as exterior remodeling.

(63) "Responsible individual" means the person responsible for development, implementation, or enforcement of the MCMs for a designated MS4 entity.

(64) "Retail gasoline outlet" means an operating gasoline or diesel fueling facility whose primary function is the resale of fuels. The term applies to facilities that create five thousand (5,000) or more square feet of impervious surfaces or generate an average daily traffic count of one hundred (100) vehicles per one thousand (1,000) square feet of land area.

(65) "Retention basin" means a type of storage practice, that has no positive outlet, used to retain storm water run-off for an indefinite amount of time. Run-off from this type of basin is removed only by infiltration through a porous bottom or by evaporation.

(66) "Riparian habitat" means a land area adjacent to a waterbody that supports animal and plant life associated with that waterbody.

(67) "Riparian zone" means a land area adjacent to a waterbody that is directly associated with that waterbody.

(68) "Sand" means mineral material with a size range between two (2) and one-sixteenth ($^1/_{16}$) millimeter diameter.

(69) "Sedimentation" means the settling and accumulation of unconsolidated material carried by storm water run-off.

(70) "Sensitive area" means a waterbody identified as needing priority protection or remediation based on:

(A) having threatened or endangered species or their habitat;

(B) usage as a public surface water supply intake;

(C) usage for full body contact recreation, such as bathing beaches; or

(D) exceptional use classification as found in 327 IAC 2-1-11(b), outstanding state resource water classification as found in 327 IAC 2-1-2(3) and 327 IAC 2-1.5-19(b).

(71) "Significant contributor of pollutants" means an MS4 entity or industrial facility that contributes pollutants into an MS4 conveyance in such a quantity or quality and to such a degree that it impacts the receiving MS4 operator's ability to comply with applicable state or federal law.

(72) "Soil and water conservation district" or "SWCD" means a political subdivision established under IC 14-32.

(73) "Solid waste" means any garbage, refuse, sludge for a waste treatment plant, sludge from a water supply treatment plant, sludge from an air pollution control facility, or other discarded material, including solid, liquid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, or agricultural operations or from community activities. The term does not include:

(A) solid or dissolved material in:

(i) domestic sewage; or

(ii) irrigation return flows or industrial discharges;

that are point sources subject to permits under Section 402 of the Federal Water Pollution Control Act Amendments (33 U.S.C. 1342);

(B) source, special nuclear, or byproduct material (as defined by the Atomic Energy Act of 1954 (42 U.S.C. 2011 et seq.);

(C) manures or crop residues returned to the soil at the point of generation as fertilizers or soil conditioners as part of a total farm operation; or

(D) vegetative matter at composting facilities registered under IC 13-20-10.

(74) "Spill" means the unexpected, unintended, abnormal, or unapproved dumping, leakage, drainage, seepage, discharge, or other loss of petroleum, hazardous substances, extremely hazardous substances, or objectionable substances. The term does not include releases to impervious surfaces when the substance does not migrate off the surface or penetrate the surface and enter the soil.

(75) "Standard Industrial Classification code" or "SIC code" means the four (4) digit code applicable to a particular industrial activity in accordance with the Standard Industrial Classification Manual published by the Office of Management and Budget of the Executive Office of the President of the United States.
(76) "Storage practices" means any structural BMP intended to store or detain storm water and slowly release it to receiving waters or drainage systems. The term includes detention and retention basins.
(77) "Storm drain marking" means any marking procedure that identifies a storm sewer inlet as draining directly to a receiving waterbody so as to avoid dumping pollutants. The procedures can include painted or cast messages and adhesive decals.
(78) "Storm water" means water resulting from rain, melting or melted snow, hail, or sleet.
(79) "Storm water quality management plan" or "SWQMP" means a comprehensive written document that addresses storm water run-off quality within an MS4 area. The SWQMP is divided into three (3) different submittal parts as follows:
(A) Part A-Initial Application.
(B) Part B-Baseline Characterization and Report.
(C) Part C-Program Implementation.
(80) "Stream reach characterization and evaluation report" or "SRCER" means a written report that characterizes and evaluates the pollutant sources on receiving waters from a combined sewer system discharge.
(81) "Total maximum daily load" or "TMDL" means the sum of the daily individual wasteload allocations for point sources and load allocations for nonpoint sources and natural background minus the sum of a specified margin of safety and any capacity reserved for growth. A TMDL sets and allocates the maximum daily amount of a pollutant that may be introduced into a waterbody and still assure attainment and maintenance of water quality standards.
(82) "Traffic phasing plan" means a written plan that addresses the installation of appropriate pollution prevention practices that is directly related to the land disturbance associated with infrastructure constructed to reroute vehicular traffic within an active construction zone. The term does not include detours that are directed away from the active construction area.
(83) "Urbanized area" or "UA" means a land area comprising one (1) or more places that together have a residential population of at least fifty thousand (50,000) and an overall population density of at least five hundred (500) people per square mile.
(84) "Vegetative practices" means any nonstructural or structural BMP that, with optimal design and good soil conditions, utilizes various forms of vegetation to enhance pollutant removal, maintain and improve natural site hydrology, promote healthier habitats, and increase aesthetic appeal. Examples include grass swales, filter strips, buffer strips, constructed wetlands, and rain gardens.
(85) "Waste transfer station" means a place where solid wastes are segregated for additional off-site processing or disposal.
(86) "Wasteload allocation" means the portion of a receiving stream's loading capacity that is allocated to one (1) of its existing or future point sources of pollution.
(87) "Waterbody" means any accumulation of water, surface or underground, natural or artificial, including rivers, streams, creeks, ditches, swales, lakes, ponds, marshes, wetlands, and ground water. The term does not include any storage or treatment structures.
(88) "Watercourse" means the path taken by flowing surface water.
(89) "Waters" means:
(A) the accumulations of water, surface and underground, natural and artificial, public and private; or
(B) a part of the accumulations of water;
that are wholly or partially within, flow through, or border upon Indiana. The term does not include a private pond, or an off-stream pond, reservoir, or facility built for reduction or control of pollution or cooling of water before discharge, unless the discharge from the pond, reservoir, or facility causes or threatens to cause water pollution.
(90) "Watershed" means an area of land from which water drains to a common point.
(91) "Wellhead protection area" has the meaning set forth at 327 IAC 8-4.1-1(27).

(Water Pollution Control Board; 327 IAC 15-13-5; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3578; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191)

327 IAC 15-13-6 Notice of intent letter requirements

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 6. (a) Unless one (1) application is submitted for multiple MS4 entities, each MS4 entity shall submit an NOI letter with the following information, which will serve as the permit application:

(1) Contact information required under subsection (b).

(2) List of all known receiving waters or, if the discharge is to another MS4, the name of the MS4 entity and the initial receiving water. For the purposes of the NOI letter submittal, receiving waters include, at a minimum, waters listed on the United States Geological Survey National Hydrography Dataset or, if no waters are listed on this data base within a given MS4 area, the primary receiving water for the MS4 area drainage. As additional receiving waters are identified, the information must be provided in the corresponding annual report required in section 18 of this rule.

(3) Copy of the completed SWQMP-Part A: Initial Application certification submittal and checklist form.

(4) Proof of publication in the newspaper with the greatest circulation in the affected MS4 area. The notice must provide a listing of all entities intended to be covered under the permit. This statement must be included in the public notice, "(MS4 entity name and address) intends to discharge storm water into the (text name and numeric code of all 14-digit Hydrologic Unit Code area) watershed(s), and is submitting a Notice of Intent letter to notify the Indiana Department of Environmental Management of our intent to comply with the requirements under 327 IAC 15-13 to discharge storm water run-off associated with municipal separate storm sewer systems.".

(5) Certification, by completing and signing Appendix A of the NOI letter, that any applicable, legally binding agreements between MS4 area entities have been obtained concerning individual responsibilities for implementation of this rule.

(b) The contact information required under subsections (a)(1) and (c)(1) must include the following:

(1) Name of MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual for each MS4 entity.

(2) Title of the MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual or individuals.

(3) MS4 entity represented by the MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual or individuals.

(4) Mailing (and, if different, the physical) address of the MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual or individuals.

(5) Telephone and facsimile number of the MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual or individuals.

(6) E-mail address (if available) of MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual or individuals.

(c) The SWQMP-Part A: Initial Application required under subsection (a)(3) must contain the following:

(1) Written listing of the MS4 entities within an MS4 area covered by the NOI letter submittal. The listing must provide the name of each MS4 entity, a responsible individual for each MS4 entity, and contact information for each MS4 entity.

(2) Written schedule which, at a minimum, adheres to the compliance schedule in section 11 of this rule.

(3) Written proposed or estimated budget allocation for the MS4 area's storm water program with a summary of identified funding sources. When multiple MS4 entities are applying under a single NOI letter, the budget allocation must be, at a minimum, separated by MS4 entity.

(d) Multiple MS4 entities within an MS4 area may submit a single NOI letter provided they comply with the submittal requirements of this section. Coverage under a single NOI letter will only be allowed if all the MS4 entities seeking coverage consolidate, and provide, the required information in sections 7, 8, and 18 of this rule as single submittals, and the information is submitted to the department by the MS4 operator designated in subsection (b). MS4 operators may utilize materials from existing local or state programs, or partner with an existing individual MS4 permittee, if all parties agree to coordinate responsibilities in accordance with subsection (a)(5).

(e) Multiple MS4 entities within an MS4 area may submit a separate NOI letter corresponding to each entity and still share responsibilities for implementation of one (1) or more of the requirements in this rule provided they comply with the submittal requirements of this section and coordinate responsibilities in accordance with subsection (a)(5).

(f) Where multiple MS4 entities submit one (1) or more NOI letters based on a watershed delineation and the created MS4 area contains undesignated MS4 entities, the undesignated MS4 entities shall not be subject to the provisions of this rule unless the applicability requirements of section 3 of this rule apply.

(g) Where the MS4 operator changes, or where a new operator is added after the submittal of an NOI letter, a new NOI letter

must be completed and submitted in accordance with 327 IAC 15-2-8 and sections 6 and 9 of this rule. If no other conditions change except for the name of the MS4 operator, a written letter describing the name change and a statement that no other conditions, including those conditions in the SWQMP-Part A: Initial Application and legal agreements, have changed will be sufficient notification to the department.

(h) An MS4 entity within an MS4 area that does not have the legal authority or other regulatory mechanisms to implement one (1) or more of the six (6) minimum control measures required under this rule shall either obtain the legal authority or other regulatory mechanism, or work with a neighboring regulated MS4 entity, via legally binding agreements, to share responsibilities.

(i) All documents and information required by this section must meet the signatory requirements of 327 IAC 15-4-3(g).

(j) A qualified professional and the MS4 operator shall certify, with the stated paragraph found in 327 IAC 15-4-3(g)(3), a submitted SWQMP-Part A: Initial Application checklist form.

(k) The department shall review initially submitted NOI letters and SWQMP-Part A: Initial Applications for adequacy and shall assign each NOI letter an NPDES permit number. Either a written NOD letter requesting additional information or NOS letter containing the assigned NPDES permit number shall be returned to the MS4 operator within ninety (90) days of the NOI letter submittal. If the MS4 operator does not receive either a NOD letter or NOS letter within ninety (90) days of the NOI letter submittal, the NOI letter and SWQMP-Part A: Initial Application will be considered adequate.

(l) Responses to NOD letters shall be made by the recipient within thirty (30) days of the date on the NOD letter.

(m) Forms for the NOI letter, SWQMP, annual report, and required certifications shall be provided by the department. *(Water Pollution Control Board; 327 IAC 15-13-6; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3583; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191)*

327 IAC 15-13-7 SWQMP-Part B: baseline characterization and report

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 7. (a) An MS4 operator shall characterize the water quality of all known waters that receive storm water outfall discharges within the MS4 area. This characterization may begin with the receiving waters identified in the NOI letter submittal, and, as receiving waters are identified, the characterization shall be expanded to those additional receiving waters and the subsequent information presented in the corresponding annual report required under section 18 of this rule. The water quality characterization must utilize existing or new information that may describe the chemical, biological, or physical condition of the MS4 area water quality. If monitoring is conducted as part of the characterization, the monitoring of receiving waters shall be either at, or in proximity to, all known, or representative, storm water outfall discharges. After the baseline characterization data is collected, the MS4 operator shall evaluate the data in the baseline characterization to determine which identified areas or specific discharge points are in need of additional water quality measures. This baseline characterization must include the following:

(1) An investigation of land usage and assessment of structural and nonstructural storm water BMP locations and conclusions, such as key observation or monitoring locations in the MS4 conveyances, derived from the land usage investigation.

(2) The identification of known sensitive areas, such as public swimming areas, surface drinking water intakes, waters containing threatened or endangered species and their habitat, or state outstanding resource and exceptional use waters. The identified sensitive areas should be given the highest priority for the selection of BMPs and the prohibition of new or significantly increased MS4 discharges.

(3) A review of known existing and available monitoring data of the MS4 area receiving waters, including, as applicable, data that can be correlated from SRCERs.

(4) The identification of areas having a reasonable potential for or actually causing storm water quality problems based on the available and relevant chemical, biological, physical, land use, and complaint data.

(5) Assessment results of BMP locations and, as appropriate, the structural condition of the BMP related to the BMP's effectiveness in improving storm water quality. As appropriate, this assessment should include recommendations for placement and implementation of additional BMPs within the MS4 area.

(b) An SWQMP-Part B: Baseline Characterization and Report addressing the requirements of subsection (a) must be developed and submitted to the department at the address specified in section 9(b) of this rule. The SWQMP-Part B: Baseline Characterization and Report and completed corresponding certification form must be submitted no later than one hundred eighty (180) days from the date the initial NOI letter submittal was received by the department or the expiration date of the previous five (5) year permit term.

(c) The department shall review the SWQMP-Part B: Baseline Characterization and Report for adequacy, and a written NOS letter or NOD letter shall be issued to the MS4 operator. If no letter is issued within ninety (90) days of submittal, the SWQMP-Part B: Baseline Characterization and Report is deemed sufficient.

(d) Responses to NOD letters shall be made by the recipient within thirty (30) days of the date on the NOD letter.

(e) Ongoing data collection related to the SWQMP-Part B: Baseline Characterization and Report must be submitted to the department with the corresponding annual report.

(f) A qualified professional and the MS4 operator shall certify, with the stated paragraph found in 327 IAC 15-4-3(g)(3), a submitted SWQMP-Part B: Baseline Characterization and Report checklist form. *(Water Pollution Control Board; 327 IAC 15-13-7; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3584)*

327 IAC 15-13-8 Submittal of an SWQMP-Part C: program implementation

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 8. (a) An MS4 operator shall develop and implement an SWQMP-Part C: Program Implementation. The SWQMP-Part C: Program Implementation must contain the following:

(1) An initial evaluation of the storm water program for the MS4 area. This evaluation should include information on all known structural and nonstructural storm water BMPs utilized.

(2) A detailed program description for each minimum control measure (MCM) referenced in sections 12 through 17 of this rule.

(3) A timetable for program implementation milestones, which includes milestones for each of the MCMs referenced in sections 12 through 17 of this rule, and applicable SWQMP-Part B: Baseline Characterization and Report conclusions (BMP recommendations, additional protective measures for sensitive areas, and correcting identified water quality problems).

(4) As appropriate, a schedule for ongoing characterization of the receiving waters either at, or in proximity to, outfall locations identified in the SWQMP-Part B: Baseline Characterization and Report to evaluate BMP effectiveness and receiving water quality.

(5) A narrative and mapped description of the MS4 area boundaries that indicate responsible MS4 entity areas for each MCM. The narrative description must include the specific sectional or, as appropriate, the street name boundaries of the MS4 area.

(6) An estimate of the linear feet of MS4 conveyances within the MS4 area, segregated by MS4 type, for example, by open ditch or pipe.

(7) A summary of which structural BMP types will be allowed in new development and redevelopment for the MS4 area.

(8) A summary on storm water structural BMP selection criteria and, where appropriate, associated performance standards that must be met after installation to indicate BMP effectiveness.

(9) A summary of the current storm water budget, expected or actual funding source, and a projection of the budget for each year within the five (5) year permit term.

(10) A summary of measurable goals for, at a minimum, each MCM referenced in sections 12 through 17 of this rule. These measurable goals shall demonstrate results that relate to an environmental benefit.

(11) Completed certification forms, as appropriate, for each MCM. The certification forms only need to be completed and submitted during the initial five (5) year permit term.

(12) The identification of programmatic indicators. Programmatic indicators, grouped by corresponding MCM, must include those listed in subsection (b) that apply to the MS4 operator. Other relevant indicators may be used in place of those listed in subsection (b). If an indicator listed in subsection (b) is not applicable to the operator, or if another relevant indicator is used, the operator shall provide rationale for the nonapplicability or substitution. Programmatic indicators do not need to be fully implemented at the time of the SWQMP-Part C: Program Implementation submittal. Updated data for each of these indicators must be submitted in each annual report.

(b) The programmatic indicators must address the following:

(1) Number or percentage of citizens, segregated by type of constituent as referenced in section 12(a) of this rule, that have an awareness of storm water quality issues.

(2) Number and description of meetings, training sessions, and events conducted to involve citizen constituents in the storm water program.

(3) Number or percentage of citizen constituents that participate in storm water quality improvement programs.
(4) Number and location of storm drains marked or cast, segregated by marking method.
(5) Estimated or actual linear feet or percentage of MS4 mapped and indicated on an MS4 area map.
(6) Number and location of MS4 area outfalls mapped.
(7) Number and location of MS4 area outfalls screened for illicit discharges.
(8) Number and location of illicit discharges detected.
(9) Number and location of illicit discharges eliminated.
(10) Number of and estimated or actual amount of material, segregated by type, collected from HHW collections in the MS4 area.
(11) Number and location of constituent drop-off centers for automotive fluid recycling.
(12) Number or percentage of constituents that participate in the HHW collections.
(13) Number of construction sites obtaining an MS4 entity-issued storm water run-off permit in the MS4 area.
(14) Number of construction sites inspected.
(15) Number and type of enforcement actions taken against construction site operators.
(16) Number of, and associated construction site name and location for, public informational requests received.
(17) Number, type, and location of structural BMPs installed.
(18) Number, type, and location of structural BMPs inspected.
(19) Number, type, and location of structural BMPs maintained or improved to function properly.
(20) Type and location of nonstructural BMPs utilized.
(21) Estimated or actual acreage or square footage of open space preserved and mapped in the MS4 area, if applicable.
(22) Estimated or actual acreage or square footage of pervious and impervious surfaces mapped in the MS4 area, if applicable.
(23) Number and location of new retail gasoline outlets or municipal, state, federal, or institutional refueling areas, or outlets or refueling areas that replaced existing tank systems that have installed storm water BMPs.
(24) Number and location of MS4 entity facilities that have containment for accidental releases of stored polluting materials.
(25) Estimated or actual acreage or square footage, amount, and location where pesticides and fertilizers are applied by a regulated MS4 entity to places where storm water can be exposed within the MS4 area.
(26) Estimated or actual linear feet or percentage and location of unvegetated swales and ditches that have an appropriately-sized vegetated filter strip.
(27) Estimated or actual linear feet or percentage and location of MS4 conveyances cleaned or repaired.
(28) Estimated or actual linear feet or percentage and location of roadside shoulders and ditches stabilized, if applicable.
(29) Number and location of storm water outfall areas remediated from scouring conditions, if applicable.
(30) Number and location of deicing salt and sand storage areas covered or otherwise improved to minimize storm water exposure.
(31) Estimated or actual amount, in tons, of salt and sand used for snow and ice control.
(32) Estimated or actual amount of material by weight collected from catch basin, trash rack, or other structural BMP cleaning.
(33) Estimated or actual amount of material by weight collected from street sweeping, if utilized.
(34) If applicable, number or percentage and location of canine parks sited at least one hundred fifty (150) feet away from a surface waterbody.

(c) An SWQMP-Part C: Program Implementation and completed corresponding certification form must be submitted to the department within three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department or the expiration date of the previous five (5) year permit term.

(d) The department shall review submitted SWQMP-Part C: Program Implementations for adequacy. Either a written NOD letter requesting additional information or NOS letter shall be sent to the MS4 operator within ninety (90) days of the SWQMP-Part C: Program Implementation submittal. If no letter is issued within ninety (90) days of submittal, the plan is deemed sufficient.

(e) Responses to NOD letters must be made by the recipient within thirty (30) days of the date on the NOD letter.

(f) As conditions or allowed technologies change, the SWQMP-Part C: Program Implementation must be updated. When updates are created, relevant sections of the SWQMP-Part C: Program Implementation containing the updates must be submitted to the commissioner as an attachment to the corresponding annual report required under section 18 of this rule.

(g) A qualified professional and the MS4 operator shall certify, with the stated paragraph found in 327 IAC 15-4-3(g)(3), a submitted SWQMP-Part C: Program Implementation checklist form. *(Water Pollution Control Board; 327 IAC 15-13-8; filed Jul*

7, 2003, 2:15 p.m.: 26 IR 3585; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191)

327 IAC 15-13-9 Submittal of an NOI letter and other documents

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4; IC 15-4-3

Sec. 9. (a) All information required under section 6 of this rule must be submitted to the commissioner. An MS4 entity that meets the designation criteria under section 3 of this rule shall submit the NOI letter, SWQMP-Part A: Initial Application, and other required documentation no later than ninety (90) days from the effective date of this rule unless:

(1) written permission for a later date has been granted by the commissioner; or

(2) the MS4 entity was not notified in writing at least one hundred eighty (180) days prior to the effective date of this rule.

(b) A termination request, the NOI letter, Parts A, B, and C of the SWQMP, and any other required information must be submitted to:

Indiana Department of Environmental Management
Office of Water Quality, Urban Wet Weather Section
Rule 13 Storm Water Coordinator
100 North Senate Avenue, Room 1255
P.O. Box 6015
Indianapolis, Indiana 46206-6015.

(c) The permit and the compliance schedules of this rule become effective upon receipt of the initial NOI letter by the department.

(d) The commissioner may deny coverage under this rule and require submittal of an application for an individual NPDES permit based on a review of the NOI letter or other information. This review may consider the location and size of the discharge, the quantity and nature of the pollutants discharged, and other relevant factors. Before completing the review, the department will inform the MS4 entity as to what information is being used for the review and provide the MS4 entity an opportunity to respond if the MS4 entity believes the information used is inaccurate or incomplete.

(e) An MS4 entity that either was not notified in writing at least one hundred eighty (180) days prior to the effective date of this rule or meets the designation criteria of section 3 of this rule after the effective date of this rule due to changing conditions or new facility construction shall submit the required information under section 6 of this rule within three hundred sixty-five (365) days of either:

(1) the date of receivership on the written notification;

(2) becoming aware of the relevant changed conditions; or

(3) upon the initiation of facility operations;

unless written permission for a later date has been granted by the commissioner.

(f) Any person who knowingly makes any false statement, representation, or certification in any document submitted or required to be maintained under this rule is subject to 327 IAC 15-4-3(i). *(Water Pollution Control Board; 327 IAC 15-13-9; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3587)*

327 IAC 15-13-10 MS4 permit implementation; coordination with total maximum daily load allocations

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 10. If a total maximum daily load (TMDL) is approved for any waterbody into which an MS4 conveyance discharges, the MS4 operator must review and appropriately modify Parts B and C of their SWQMP if the TMDL includes requirements for control of storm water discharges under the jurisdiction of the MS4 operator. *(Water Pollution Control Board; 327 IAC 15-13-10; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3587)*

327 IAC 15-13-11 Compliance schedule

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 11. An MS4 operator shall comply with the following schedule for implementation of this rule:

Rule Requirement	Compliance Deadline (from initial NOI letter receivership date)
Storm Water Quality Management Plan:	Components throughout term of permit
Part A: Initial Application submitted	With NOI letter
Part B: Baseline Characterization and Report submitted	180 days
Part C: Program Implementation submitted	1 year
Public Education and Outreach MCM implementation:	Throughout term of permit
Public education and outreach program development certification submitted	1 year
Public Involvement/Participation MCM implementation:	Throughout term of permit
Public involvement and participation program development certification submitted	1 year
Illicit Discharge Detection/Elimination MCM implementation:	Throughout term of permit
Illicit discharge plan and regulatory mechanism certification submitted	1 year
25% of storm water outfalls systems mapped	Each year after 1 year
All known storm water outfall systems, with pipe diameters 12 inches or greater or open ditches with 2 feet or larger bottom width, mapped	5 years
Construction Site Run-Off Control MCM implementation:	Throughout term of permit
Construction site program plan and regulatory mechanism certification submitted	1 year
Postconstruction Run-Off Control MCM implementation:	Throughout term of permit
Operational and maintenance plan certification submitted	2 years
Postconstruction program plan and regulatory mechanism certification submitted	2 years
Municipal operations pollution prevention and good housekeeping MCM implementation:	Throughout term of permit
Operations pollution prevention program development certification submitted	1 year

If an MS4 operator is unable to meet a compliance deadline under this section the operator shall submit a written request and justification for extending the deadline. The request must be submitted to the department no later than thirty (30) days prior to the due date. *(Water Pollution Control Board; 327 IAC 15-13-11; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3587)*

327 IAC 15-13-12 Storm water quality management plan public education and outreach MCM

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 12. (a) An MS4 operator shall develop an SWQMP that includes methods and measurable goals that will be used to inform residents, visitors, public service employees, commercial and industrial facilities, and construction site personnel within the MS4 area about the impacts polluted storm water run-off can have on water quality and ways they can minimize their impact on storm water quality. The MS4 operator shall ensure, via documentation, that a reasonable attempt was made to reach all constituents within the MS4 area to meet this measure.

(b) MS4 operators are encouraged to utilize existing programs and outreach materials to meet this measure. MS4 operators shall identify and implement an informational program with educational materials for constituents. A certification form shall be completed and submitted to the department once the program has been developed and implemented or three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated, as necessary.

(c) MS4 operators shall develop measurable goals for this MCM. An initial assessment of the MS4 area constituents must be conducted to determine initial constituent knowledge and practices as they relate to storm water quality. To comply with this measure, specific target outreach or reduction goal percentages and timetables must be identified. As applicable or, if not applicable, then appropriately justified, goals must address relevant targeted audience improvement in disposal practices, cast storm drain cover installations, school curricula or Web site implementation, outreach to every population sector, and educational material distribution.

(d) In combined sewer system municipalities designated under this rule, the current LTCP shall be reviewed, and any necessary language changes to ensure consistency with the SWQMP shall be included in the plan to ensure that this MCM requirement is met. *(Water Pollution Control Board; 327 IAC 15-13-12; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3588; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191)*

327 IAC 15-13-13 Storm water quality management plan public participation and involvement MCM

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 13. (a) The MS4 operator shall develop an SWQMP that includes provisions to allow opportunities for constituents within the MS4 area to participate in the storm water management program development and implementation. An MS4 operator shall ensure, via documented efforts, that sufficient opportunities were allotted to involve all constituents interested in participating in the program process to meet this measure. Correctional facilities will not be required to implement the public participation and involvement MCM.

(b) An MS4 entity shall comply with applicable public notice requirements. An MS4 operator shall identify and implement a public participation and involvement program. A certification form shall be completed and submitted to the department once the program has been developed and implemented or three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated as necessary.

(c) An MS4 operator shall develop measurable goals for this MCM. An initial assessment of MS4 area constituents must be conducted to identify interested individuals for participation in the MS4 area storm water program. To comply with this measure, specific outreach and reduction goal percentages and timetables must be identified. As applicable or, if not applicable, then appropriately justified, goals must address relevant community participation in citizen panels, community clean-ups, citizen watch groups and drain marking projects, and public meeting notification.

(d) In combined sewer system municipalities designated under this rule, the current LTCP shall be reviewed, and any necessary language changes to ensure consistency with the SWQMP shall be included in the plan to ensure that this MCM requirement is met. *(Water Pollution Control Board; 327 IAC 15-13-13; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3588)*

327 IAC 15-13-14 Storm water quality management plan illicit discharge detection and elimination MCM

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 14. (a) An MS4 operator shall develop an SWQMP that includes a commitment to develop and implement a strategy to detect and eliminate illicit discharges to the MS4 conveyance.

(b) An MS4 operator shall develop a storm sewer system map showing the location of all outfalls and MS4 conveyances in the particular MS4 area under the MS4 operator's control and the names and locations of all waters that receive discharges from those outfalls. A map developed under this subsection must meet the following:

(1) At a minimum, longitude and latitude for mapped outfall locations must be done in decimal degrees, or, if a global positioning system is utilized, mapping-grade accuracy data shall be collected, where an accuracy discrepancy is less than five (5) meters.

(2) The mapping requirement must be developed as follows:

(A) All known outfall conveyance systems with a pipe diameter of twelve (12) inches or larger and open ditches with a two (2) foot or larger bottom width must be mapped within the first five (5) year permit term according to the following:

(i) After the second year of permit coverage, mapping must depict the location of outfall conveyance systems for at least twenty-five percent (25%) of the MS4 conveyances within the MS4 area.

(ii) For each additional year of the initial permit term, mapping must depict at least an additional twenty-five percent (25%) of the MS4 conveyances.

(B) Subsequent permit terms will require that all remaining outfall conveyance systems are mapped.

(3) The mapping requirements in subdivision (2) do not include private or mutual drains, yard swales that are not maintained by a regulated MS4 entity, or curbs and gutters.

(c) Through an ordinance or other regulatory mechanism, an MS4 operator shall prohibit illicit discharges into MS4 conveyances and establish appropriate enforcement procedures and actions.

(d) An MS4 operator shall develop a plan to detect, address, and eliminate illicit discharges, including illegal dumping, into the MS4 conveyance. This plan need not address the following categories of nonstorm water discharges or flows unless the MS4 operator identifies them as significant contributors of pollutants to its MS4 conveyance:

(1) Water line flushing.
(2) Landscape irrigation.
(3) Diverted stream flows.
(4) Rising ground waters.
(5) Uncontaminated ground water infiltration.
(6) Uncontaminated pumped ground water.
(7) Discharges from potable water sources.
(8) Foundation drains.
(9) Air conditioning condensation.
(10) Irrigation water.
(11) Springs.
(12) Water from crawl space pumps.
(13) Footing drains.
(14) Lawn watering.
(15) Individual residential car washing.
(16) Flows from riparian habitats and wetlands.
(17) Dechlorinated swimming pool discharges.
(18) Street wash water.
(19) Discharges from firefighting activities.

(e) The plan developed under subsection (d) must, at a minimum, locate problem areas via dry weather screening or other means, determine the source, remove or otherwise correct illicit connections, and document the actions taken. The dry weather screening or other means must utilize a field testing kit, or similar method, to analyze for pollutants of concern and other parameters, such as pH, conductivity, or nitrogen-ammonia, used to identify possible pollutant sources. All storm water outfalls in the regulated MS4 area under the MS4 operator's control must be screened for illicit discharges. The screening may be initiated gradually throughout successive five (5) year permit cycles. If the gradual approach is utilized, all storm water outfalls with a pipe diameter of twelve (12) inches or larger and open ditches with a two (2) foot or larger bottom width must be screened in the first five (5) year permit term. Subsequent permit terms will require that all remaining outfalls be screened.

(f) The plan developed under subsection (d) must identify all active industrial facilities within the MS4 area that discharge into an MS4 conveyance. This identification shall include the facility name, address, telephone number, and Standard Industrial Classification (SIC) code. Updated information regarding active industrial facilities must be submitted in each annual report.

(g) A certification form must be completed and submitted to the department once the plan has been developed and implemented or three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated as necessary.

(h) An MS4 operator shall educate public employees, businesses, and the general public about the hazards associated with illicit discharges and improper disposal of waste. This educational effort shall include the following:

(1) Informational brochures and guidances for specific audiences and school curricula.
(2) Publicizing and facilitating public reporting of illicit discharges and spills.

(i) An MS4 operator shall initiate, or coordinate existing, recycling programs in the regulated MS4 area for commonly dumped wastes, such as motor oil, antifreeze, and pesticides.

(j) An MS4 operator shall develop measurable goals for this MCM. To comply with this measure, specific outreach and reduction percentages and timetables must be identified. At a minimum, goals must address relevant collection system mapping, regulatory mechanism implementation, employee training, household hazardous waste programs, illicit discharge detection, and illicit discharge elimination.

(k) In combined sewer system municipalities designated under this rule, the current CSOOP and LTCP must be reviewed, and any necessary language changes to ensure consistency with the SWQMP must be included in the plans to ensure that this MCM requirement is met. *(Water Pollution Control Board; 327 IAC 15-13-14; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3589)*

327 IAC 15-13-15 Storm water quality management plan construction site storm water run-off control MCM

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 15. (a) An MS4 operator shall develop an SWQMP that includes a commitment to develop, implement, manage, and enforce an erosion and sediment control program for construction activities that disturb one (1) or more acres of land within the MS4 area.

(b) Through an ordinance or other regulatory mechanism, the MS4 operator shall establish a construction program that controls polluted run-off from construction activities with a land disturbance greater than or equal to one (1) acre, or disturbances of less than one (1) acre of land that are part of a larger common plan of development or sale if the larger common plan will ultimately disturb one (1) or more acres of land. Except for state permitting process references and submittal deadlines of construction plans and permit applications in 327 IAC 15-5, this ordinance or other regulatory mechanism must contain, at a minimum, the requirements of 327 IAC 15-5. The MS4 operator may establish a permitting process and timetable for plan and application submittals that are different than that established under 327 IAC 15-5. The permitting process must include a requirement for the construction project site owner to submit a copy of the application directly to the department. A certification form shall be completed and submitted to the department once the ordinance or other regulatory mechanism is developed and a program has been implemented or three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the regulatory mechanism and program shall be reviewed for adequacy and accuracy and updated as necessary. Until the MS4 operator program is implemented, NOI letters and construction plans for construction activities within the MS4 area will be submitted in accordance with 327 IAC 15-5-5 and 327 IAC 15-5-6 to the department and the local SWCD or department of natural resources, division of soil conservation, respectively.

(c) If the MS4 operator has not entered into a written agreement with the local SWCD to review and approve construction site plans or conduct construction site inspections, the MS4 operator shall provide an opportunity to the local SWCD to provide comments and recommendations to the MS4 operator on individual projects. This process may be accomplished by the MS4 operator establishing a local plan review and comment procedure, a project technical review committee, or other mechanism to solicit the input of the local SWCD.

(d) Failure of the SWCD to respond within a predetermined time period should not delay final action of the MS4 operator to approve plans or projects.

(e) In addition to any procedural requirements for submittal to the MS4 operator or MS4 designated entity, an NOI letter required under 327 IAC 15-5 must be submitted to the department for any projects within the MS4 area.

(f) The MS4 operator, or a designated MS4 entity, shall meet the following:

(1) Develop requirements for the implementation of appropriate BMPs on construction sites to control sediment, erosion, and other waste.

(2) Review and approve the construction plans submitted by the construction site operator before construction activities commence.

(3) Develop procedures for site inspection and enforcement to ensure that BMPs are properly installed.

(4) Establish written procedures to identify priority sites for inspection and enforcement based on, at a minimum, the nature and extent of the construction activity, topography, and the characteristics of soils and receiving water quality.

(5) Develop procedures for the receipt and consideration of public inquiries, concerns, and information submitted regarding

local construction activities.

(6) Implement, at a minimum, a tracking process in which submitted public information, both written and verbal, is documented and then given to appropriate staff for follow-up.

(g) MS4 area personnel responsible for plan review, inspection, and enforcement of construction activities shall receive, at a minimum, annual training addressing such topics as appropriate control measures, inspection protocol, and enforcement procedures.

(h) An MS4 operator shall develop measurable goals for this MCM. To comply with this measure, specific outreach, compliance, and implementation goal percentages and timetables must be identified. At a minimum, goals must address relevant regulatory mechanism implementation, public informational request procedure implementation, site inspection procedure implementation, and construction site operator compliance improvement.

(i) For those construction activities operated by the MS4 operator or MS4 municipalities within the MS4 area, construction plans must be submitted to the local SWCD, the department of natural resources, division of soil conservation, or other entity designated by the department for review and approval. If the MS4 operator does not receive either a notice of deficiency or an approval within thirty-five (35) days of the submittal, the plan will be considered adequate. After a one (1) year period of compliance, the MS4 operator or the designated MS4 entity need not submit the plans and may review MS4-operated project construction plans internally with the written authorization of the department of natural resources, division of soil conservation.

(j) In addition to the requirements of 327 IAC 15-5-6.5, the MS4-operated project construction plans must include a traffic phasing plan for those projects that have the potential to alter vehicular traffic routes.

(k) In addition to the requirements of 327 IAC 15-5-6.5(a)(7), the MS4-operated project storm water pollution prevention plan must address the following areas outside of right-of-ways:

(1) Utility relocation areas.

(2) Material hauling and transportation routes/roads.

(3) Borrow pits.

(4) Temporary staging and material stockpile areas.

(5) Temporary disposal areas for waste materials.

(Water Pollution Control Board; 327 IAC 15-13-15; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3590; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191)

327 IAC 15-13-16 Storm water quality management plan postconstruction storm water run-off control MCM

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 16. (a) An MS4 operator shall develop an SWQMP that includes a commitment to develop, implement, manage, and enforce a program to address discharges of postconstruction storm water run-off from new development and redevelopment areas that disturb one (1) or more acres of land or disturbances of less than one (1) acre of land that are part of a larger common plan of development or sale if the larger common plan will ultimately disturb one (1) or more acres of land within the MS4 area.

(b) Through the use of an ordinance or other regulatory means, an MS4 operator shall implement planning procedures to promote improved water quality. These planning procedures must include, at a minimum, the postconstruction requirements of 327 IAC 15-5-6.5(a)(8). Where appropriate, and to the extent of the MS4 operator's authority, the procedures may also include the following:

(1) Buffer strip and riparian zone preservation.

(2) Filter strip creation.

(3) Minimization of land disturbance and surface imperviousness.

(4) Minimization of directly connected impervious areas.

(5) Maximization of open space.

(6) Directing the community's physical growth away from sensitive areas and toward areas that can support it without compromising water quality.

A certification form that combines the completed requirements of this subsection and subsection (e) shall be completed and submitted to the department once the ordinance or other regulatory means has been developed and a program has been implemented or seven hundred thirty (730) days from the date the initial NOI letter submittal was received by the department, whichever is earlier.

In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated as necessary.

(c) Where appropriate, an MS4 operator shall use any combination of storage, infiltration, filtering, or vegetative practices to reduce the impact of pollutants in storm water run-off on receiving waters. In addition to the combination of practices, the following requirements shall be utilized:

(1) Infiltration practices will not be allowed in wellhead protection areas.

(2) Discharges from an MS4 area will not be allowed directly into sinkholes or fractured bedrock without treatment that results in the discharge meeting Indiana ground water quality standards as referenced in 327 IAC 2-11.

(3) Any storm water practice that is a Class V injection well must ensure that the discharge from such practices meets Indiana ground water quality standards as referenced in 327 IAC 2-11.

(4) As site conditions allow, the rate at which water flows through the MS4 conveyances shall be regulated to reduce outfall scouring and stream bank erosion.

(5) As site conditions allow, a vegetated filter strip of appropriate width shall be maintained along unvegetated swales and ditches.

(6) New retail gasoline outlets, new municipal, state, federal, or institutional refueling areas, or outlets and refueling areas that replace their existing tank systems shall be required by MS4 ordinance or other regulatory means to design and install appropriate practices to reduce lead, copper, zinc, and polyaromatic hydrocarbons in storm water run-off.

(d) MS4 area personnel responsible for plan review, inspection, and enforcement of postconstruction BMPs shall receive, at a minimum, annual training addressing such topics as appropriate control measures, inspection protocol, and enforcement procedures.

(e) An MS4 operator shall develop and implement a written operational and maintenance plan for all storm water structural BMPs. A certification form that combines the completed requirements of this subsection and subsection (b) shall be completed and submitted to the department once the plan has been developed and implemented or seven hundred thirty (730) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated as necessary.

(f) An MS4 operator shall develop measurable goals for this measure. To comply with this measure, specific reduction percentages and timetables must be identified. At a minimum, goals must address relevant regulatory mechanism implementation, planning and structural BMP strategies, new impervious surface reduction, and discharge quality improvement. *(Water Pollution Control Board; 327 IAC 15-13-16; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3591; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191)*

327 IAC 15-13-17 Storm water quality management plan municipal operations pollution prevention and good housekeeping MCM

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 17. (a) An MS4 operator shall develop an SWQMP that includes a commitment to develop and implement a program to prevent or reduce pollutant run-off from municipal operations within the MS4 area.

(b) To the extent of their authority, an MS4 operator shall develop and implement a program to ensure that existing municipal, state, or federal operations are performed in ways that will reduce contamination of storm water discharges. A certification form must be completed and submitted to the department once the program has been developed and implemented or three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated as necessary. This program must include the following:

(1) Written documentation of maintenance activities, maintenance schedules, and long term inspection procedures for BMPs to reduce floatables and other pollutants discharged from the separate storm sewers. Maintenance activities shall include, as appropriate, the following:

(A) Periodic litter pick up as defined in the MS4 area SWQMP.

(B) Periodic BMP structure cleaning as defined in the MS4 area SWQMP.

(C) Periodic pavement sweeping as defined in the MS4 area SWQMP.

(D) Roadside shoulder and ditch stabilization.

(E) Planting and proper care of roadside vegetation.

(F) Remediation of outfall scouring conditions.

(2) Controls for reducing or eliminating the discharge of pollutants from operational areas, including roads, parking lots, maintenance and storage yards, and waste transfer stations. Appropriate controls shall include the following:

(A) Covering or otherwise reducing the potential for polluted storm water run-off from deicing salt or sand storage piles.

(B) Establishing designated snow disposal areas that have minimal potential for pollutant run-off impact on MS4 area receiving waters.

(C) Providing facilities for containment of any accidental losses of concentrated solutions, acids, alkalies, salts, oils, or other polluting materials.

(D) Standard operating procedures for spill prevention and clean-up during fueling operations.

(E) BMPs for vehicular maintenance areas.

(F) Prohibition of equipment or vehicle wash waters and concrete or asphalt hydrodemolition waste waters into storm water run-off except under the allowance of an appropriate NPDES wastewater permit.

(G) Minimization of pesticide and fertilizer use. Pesticides shall be used, applied, handled, stored, mixed, loaded, transported, and disposed of via office of the Indiana state chemist's guidance requirements.

(H) Proper disposal of animal waste. If applicable, it is recommended that canine parks be sited at least one hundred fifty (150) feet away from a surface waterbody.

(3) Written procedures for the proper disposal of waste or materials removed from separate storm sewer systems and operational areas. All materials removed from separate storm sewer systems and operational areas, including dredge spoil, accumulated sediments, floatables, and debris, must be:

(A) reused or recycled; or

(B) disposed of in accordance with applicable solid waste disposal regulations.

(4) Written documentation that new flood management projects are assessed for their impacts on water quality and existing flood management projects are examined for incorporation of additional water quality protection devices or practices.

(5) Written documentation that appropriate MS4 entity employees have been properly trained, with periodic refresher sessions, on topics such as proper disposal of hazardous wastes, vegetative waste handling, fertilizer and pesticide application, and the function of implemented BMPs.

(c) An MS4 operator shall develop measurable goals for this MCM. To comply with this measure, specific reduction percentages and timetables must be identified. As applicable or, if not applicable, then appropriately justified, goals must address relevant catch basin cleaning and street sweeping procedures, employee training, recycling program implementation, pesticide, fertilizer and sand or salt usage reductions, floatables reduction, and maintenance schedule for BMPs.

(d) In combined sewer system municipalities designated under this rule, the current CSOOP and LTCP will need to be reviewed, and any necessary language changes to ensure consistency with the SWQMP must be included in the plans to ensure that this MCM requirement is met. *(Water Pollution Control Board; 327 IAC 15-13-17; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3592)*

327 IAC 15-13-18 Reporting requirements

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 18. (a) An MS4 operator regulated under this rule shall submit an annual report to the department with the following information:

(1) Progress towards development, implementation, and enforcement of all MCMs, including updated programmatic indicator data.

(2) Summary of complaints received and follow-up investigation results related to storm water quality issues.

(3) Updated measurable goals.

(4) Storm water BMPs installed or initiated.

(5) Follow-up or additional water quality characterization.

(6) Updated active industrial facilities list.

(7) Implementation problems encountered, including BMP changes due to ineffectiveness or infeasibility.
(8) Funding sources and expenditures.
(9) Changes to MS4 area boundaries, including land areas added to the MS4 area via annexation or other similar means.
(10) Identified storm water quality improvement projects.
(11) Updated receiving water information.

The initial annual report shall be postmarked no later than three hundred sixty-five (365) days from the date the SWQMP-Part C: Program Implementation submittal was received by the department. Subsequent report submittals during the first five (5) year permit term shall be provided no later that three hundred sixty-five (365) days from the previous report in years three (3), four (4), and five (5). In subsequent permit terms, reports must be submitted in years two (2) and four (4).

(b) An MS4 operator shall submit a monthly construction site project summary to the department containing a listing of all project names associated with section 15 of this rule, the project address, project duration, and an indication of enforcement actions undertaken. If no projects occur within a given month, a report does not need to be submitted. Reports must be postmarked no later than the last day of the following month. The commissioner may develop criteria for an alternative acceptable timetable for submission of this summary.

(c) The summary required under subsection (b) must address those projects for which there has been:
(1) an NOI letter submittal, or its equivalent, to the MS4 entity; or
(2) a Notice of Termination letter, or its equivalent, processed by the MS4 entity.

(d) An MS4 operator shall certify by signature on the annual report form that information provided is true and accurate. *(Water Pollution Control Board; 327 IAC 15-13-18; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3593; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191)*

327 IAC 15-13-19 Permit duration

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 19. (a) The permits under this rule are valid for five (5) years from the date the initial NOI letter was received by the department. Renewal application for the permit is required at least sixty (60) days prior to the expiration date. Coverage under renewal NOI letters will begin on the date of expiration from the previous five (5) year permit term.

(b) If MS4 entity conditions change within an MS4 area, written notification of the changes must be submitted to the commissioner.

(c) For a complete renewal application to be sufficient, a new NOI letter and SWQMP-Part A: Initial Application must be submitted in accordance with sections 6 and 9 of this rule.

(d) Permits may be reissued on a watershed basis to take into account surface water quality monitoring strategies and sampling data analyses for individual drainage areas.

(e) Subsequent permits will require the MS4 operator to maintain and, where possible, improve their performance in implementing the six (6) MCMs. *(Water Pollution Control Board; 327 IAC 15-13-19; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3594)*

327 IAC 15-13-20 Permit termination

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 20. (a) An MS4 entity may request the department to terminate permit coverage under this rule if:
(1) based on physical changes in the MS4 area, the permit is no longer needed;
(2) based on a lack of cooperation between MS4 entities, a new general permit NOI letter is needed; or
(3) based on documented reductions in population, population density, occupancy, or enrollment that result in numbers below minimum designation criteria and a request based on this subdivision will only be considered once a permit under this rule has expired.

(b) The department may terminate permit coverage under this rule and require an MS4 entity to apply for an individual permit if one (1) of the six (6) cases referenced in 327 IAC 15-2-9(b) is applicable. *(Water Pollution Control Board; 327 IAC 15-13-20; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3594)*

327 IAC 15-13-21 Standard conditions

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-14-10; IC 13-18-4; IC 13-30

Sec. 21. The standard conditions for the NPDES general permit rule under 327 IAC 15-4 shall apply to this rule. *(Water Pollution Control Board; 327 IAC 15-13-21; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3594; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191)*

327 IAC 15-13-22 Inspection and enforcement

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-14-10; IC 13-18-4; IC 13-30

Sec. 22. (a) The commissioner may inspect an MS4 entity regulated under this rule at any time. Any documentation required in sections 6 through 20 of this rule or related to implementation of this rule must be available at the physical address corresponding to the MS4 operator or the primary contact individual for review by the commissioner during normal business hours.

(b) At a minimum, records shall be established and maintained at the address referenced in subsection (a) for the five (5) years of the permit term. The five (5) year period will be extended:

(1) automatically during the course of any unresolved litigation regarding the discharge of pollutants by the MS4 operator, or other MS4 entity regulated by the MS4 area permit, or regarding promulgated effluent guidelines applicable to the MS4 area; or

(2) as requested by the regional administrator of the United States Environmental Protection Agency or the commissioner.

(c) The commissioner may request data to facilitate the identification or quantification of pollutants that may be released to the environment from an MS4 conveyance or to determine effectiveness of the MCMs.

(d) The commissioner, or an authorized representative, upon providing appropriate credentials, may inspect an MS4 entity regulated under this rule at any time. As it pertains to sections 15 and 16 of this rule, the department of natural resources, division of soil conservation staff, or their designated representative, upon providing appropriate credentials, may inspect an MS4 entity regulated under this rule at any time. Record keeping and reporting requirements for sections 15 and 16 of this rule shall conform to 327 IAC 15-5.

(e) All persons or MS4 entities responsible for the MS4 conveyances shall be responsible for complying with the SWQMP for the MS4 area and the provisions of this rule. Any person or MS4 entity causing or contributing to a violation of any provisions of this rule shall be subject to IC 13-30 and IC 13-14-10.

(f) All projects within a regulated MS4 area meeting the applicability requirements of 327 IAC 15-5 are subject to inspection and enforcement by the department or their designated representative for violations associated with 327 IAC 15-5. *(Water Pollution Control Board; 327 IAC 15-13-22; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3594)*

Rule 14. On-Site Residential Sewage Discharging Disposal Systems within the Allen County On-Site Waste Management District

327 IAC 15-14-1 Purpose

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4

Sec. 1. The purpose of this rule is to establish requirements for point source discharges of treated sewage from on-site residential sewage discharging disposal systems within the Allen County on-site waste management district so that the public health, existing water uses, and aquatic biota are protected. *(Water Pollution Control Board; 327 IAC 15-14-1; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1563)*

327 IAC 15-14-2 Applicability

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2
Affected: IC 13-18-4; IC 13-18-12-9

(2) That it has begun, or expects to begin, to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NOI letter.

(g) Signatory requirements shall be as follows:

(1) All reports required by this article and other information requested by the commissioner shall be signed by a person described as follows, or by a duly authorized representative of that person:

(A) For a corporation, by a responsible corporate officer. As used in this section, "responsible corporate officer" means:

(i) a president, secretary, treasurer, any vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or

(ii) the manager of one (1) or more manufacturing, production, or operating facilities employing more than two hundred fifty (250) persons or having gross annual sales or expenditures exceeding twenty-five million dollars ($25,000,000) (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

(B) For a partnership or sole proprietorship, by a general partner or the proprietor, respectively.

(C) For a municipality, state, federal, or other public agency or political subdivision thereof, by either a principal executive officer or ranking elected official.

(2) A person is a duly authorized representative only if:

(A) the authorization is made in writing by a person described under subdivision (1);

(B) the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, or position of equivalent responsibility (a duly authorized representative may thus be either a named individual or any individual occupying a named position); and

(C) the written authorization is submitted to the commissioner.

(3) Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.".

(h) Except for data determined to be confidential under 327 IAC 12 *[327 IAC 12 was repealed filed Mar 9, 2000, 7:47 a.m.: 23 IR 1637. See 327 IAC 12.1.]*, all reports prepared in accordance with the terms of the applicable general permit rule shall be available for public inspection at the offices of the Indiana department of environmental management and the U.S. Environmental Protection Agency Regional Administrator. As required by the Federal Act, information contained in the NOI letter and effluent data shall not be considered confidential.

(i) The Indiana Environmental Management Act at IC 13-7-13-3(b) provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under the applicable general permit rule, including monitoring reports or reports of compliance or noncompliance, shall, upon conviction, be punished by a fine of not more than ten thousand dollars ($10,000) per violation, or by imprisonment for not more than six (6) months per violation, or by both. The Federal Act, as well as IC 13-7-13-3 and IC 35-50-3-3, provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this article shall, upon conviction, be punished by a fine of not more than ten thousand dollars ($10,000) per violation, or by imprisonment for not more than one hundred eighty (180) days per violation, or by both. *(Water Pollution Control Board; 327 IAC 15-4-3; filed Aug 31, 1992, 5:00 p.m.: 16 IR 21)*

Rule 5. Storm Water Run-Off Associated with Construction Activity

327 IAC 15-5-1 Purpose

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3
Affected: IC 13-11-2; IC 13-18-4

Sec. 1. The purpose of this rule is to establish requirements for storm water discharges from construction activities of one (1) acre or more so that the public health, existing water uses, and aquatic biota are protected. *(Water Pollution Control Board; 327 IAC 15-5-1; filed Aug 31, 1992, 5:00 p.m.: 16 IR 23; errata, 16 IR 898; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 833)*

327 IAC 15-5-2 Applicability of general permit rules

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3
Affected: IC 13-11-2; IC 13-18-4; IC 14-34

Sec. 2. (a) The requirements under this rule apply to all persons who:

(1) do not obtain an individual NPDES permit under 327 IAC 15-2-6;

(2) meet the general permit rule applicability requirements under 327 IAC 15-2-3; and

(3) are involved in construction activity, except operations that result in the land disturbance of less than one (1) acre of total land area as determined under subsection (h) and are not part of a larger common plan of development or sale.

(b) The requirements under this rule do not apply to persons who are involved in:

(1) agricultural land disturbing activities; or

(2) forest harvesting activities.

(c) The requirements under this rule do not apply to the following activities, provided other applicable permits contain provisions requiring immediate implementation of soil erosion control measures:

(1) Landfills that have been issued a certification of closure under 329 IAC 10.

(2) Coal mining activities permitted under IC 14-34.

(3) Municipal solid waste landfills that are accepting waste pursuant to a permit issued by the department under 329 IAC 10 that contains equivalent storm water requirements, including the expansion of landfill boundaries and construction of new cells either within or outside the original solid waste permit boundary.

(d) The project site owner has the following responsibilities:

(1) Complete a sufficient notice of intent letter.

(2) Ensure that a sufficient construction plan is completed and submitted in accordance with section 6 of this rule.

(3) Ensure compliance with this rule during:

(A) the construction activity; and

(B) implementation of the construction plan.

(4) Notify the department with a sufficient notice of termination letter.

(5) Ensure that all persons engaging in construction activities on a permitted project site comply with the applicable requirements of this rule and the approved construction plan.

(e) For off-site construction activities that provide services (for example, road extensions, sewer, water, and other utilities) to a permitted project site, these off-site activity areas must be considered a part of the permitted project site when the activity is under the control of the project site owner.

(f) For an individual lot where land disturbance is expected to be one (1) acre or more and the lot lies within a project site permitted under this rule, the individual lot owner shall:

(1) complete his or her own notice of intent letter; and

(2) ensure that a sufficient construction plan is completed and submitted in accordance with section 6 of this rule.

(g) For an individual lot where the land disturbance is less than one (1) acre and the lot lies within a project site permitted under this rule, the individual lot operator shall be in accordance with the following:

(1) Comply with:

(A) the provisions and requirements of the plan developed by the project site owner; and

(B) section 7.5 of this rule.

(2) Does not need to submit a notice of intent letter and construction plans.

(h) Multilot project sites are regulated by this rule in accordance with the following:

(1) A determination of the area of land disturbance shall be calculated by adding the total area of land disturbance for improvements, such as roads, utilities, or common areas, and the expected total disturbance on each individual lot, as determined by the following:

(A) For a single-family residential project site where the lots are one-half (0.5) acre or more, one-half (0.5) acre of land disturbance must be used as the expected lot disturbance.

(B) For a single-family residential project site where the lots are less than one-half (0.5) acre in size, the total lot must be calculated as being disturbed.

(C) To calculate lot disturbance on all other types of project sites, such as industrial and commercial project sites, the following apply:

(i) Where lots are one (1) acre or greater in size, a minimum of one (1) acre of land disturbance must be calculated as the expected lot disturbance.

(ii) Where the lots are less than one (1) acre in size, the total lot must be calculated as being disturbed.

(2) For purposes of this rule, strip developments:

(A) are considered as one (1) project site; and

(B) must comply with this rule;

unless the total combined disturbance on all individual lots is less than one (1) acre and is not part of a larger common plan of development or sale.

(i) Submittal of a notice of intent and construction plans is not required for construction activities associated with a single-family residential dwelling disturbing less than five (5) acres when the dwelling is not part of a larger common plan of development or sale. Provisions in section 7(b)(1) through 7(b)(5), 7(b)(10) through 7(b)(17), 7(b)(19), and 7(b)(20) of this rule shall be complied with throughout construction activities and until the areas are permanently stabilized.

(j) The department may waive the permit requirements under this rule for construction activities that disturb less than five (5) acres where the waiver applicant determined by the commissioner certifies that:

(1) a total maximum daily load (TMDL) for the pollutants of concern from storm water discharges associated with construction activity indicates that controls on construction site discharges are not needed to protect water quality; or

(2) in receiving waters that do not require a TMDL study, an equivalent analysis demonstrates water quality is not threatened by storm water discharges, and it has been determined that allocations for the pollutants of concern from the construction site discharges are not needed to protect water quality based on consideration of existing in-stream concentrations, expected growth in pollutant contributions from all sources, and a margin of safety.

(Water Pollution Control Board; 327 IAC 15-5-2; filed Aug 31, 1992, 5:00 p.m.: 16 IR 23; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 833)

327 IAC 15-5-3 General permit rule boundary

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3
Affected: IC 13-11-2; IC 13-18-4

Sec. 3. This general permit covers all lands within Indiana. *(Water Pollution Control Board; 327 IAC 15-5-3; filed Aug 31, 1992, 5:00 p.m.: 16 IR 23; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 834)*

327 IAC 15-5-4 Definitions

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3
Affected: IC 13-11-2; IC 14-32; IC 14-34

Sec. 4. In addition to the definitions contained in IC 13-11-2, 327 IAC 1, 327 IAC 5, and 327 IAC 15-1-2, the following definitions apply throughout this rule:

(1) "Agricultural conservation practices" means practices that are constructed on agricultural land for the purposes of controlling soil erosion and sedimentation. These practices include grass waterways, sediment basins, terraces, and grade stabilization structures.

(2) "Agricultural land disturbing activity" means tillage, planting, cultivation, or harvesting operations for the production of agricultural or nursery vegetative crops. The term also includes pasture renovation and establishment, the construction of agricultural conservation practices, and the installation and maintenance of agricultural drainage tile. For purposes of this rule, the term does not include land disturbing activities for the construction of agricultural related facilities, such as:

(A) barns;

(B) buildings to house livestock;
(C) roads associated with infrastructure;
(D) agricultural waste lagoons and facilities;
(E) lakes and ponds;
(F) wetlands; and
(G) other infrastructure.

(3) "Commissioner" refers to the commissioner of the department.
(4) "Construction activity" means land disturbing activities and land disturbing activities associated with the construction of infrastructure and structures. This term does not include routine ditch or road maintenance or minor landscaping projects.
(5) "Construction plan" means a representation of a project site and all activities associated with the project. The plan includes the location of the project site, buildings and other infrastructure, grading activities, schedules for implementation, and other pertinent information related to the project site. A storm water pollution prevention plan is a part of the construction plan.
(6) "Construction site access" means a stabilized stone surface at all points of ingress or egress to a project site for the purpose of capturing and detaining sediment carried by tires of vehicles or other equipment entering or exiting the project site.
(7) "Contractor" or "subcontractor" means an individual or company hired by the project site or individual lot owner, their agent, or the individual lot operator to perform services on the project site.
(8) "Department" refers to the department of environmental management.
(9) "Developer" means:
(A) any person financially responsible for construction activity; or
(B) an owner of property who sells or leases, or offers for sale or lease, any lots in a subdivision.
(10) "DNR-DSC" means the division of soil conservation of the department of natural resources.
(11) "Erosion" means the detachment and movement of soil, sediment, or rock fragments by water, wind, ice, or gravity.
(12) "Erosion and sediment control measure" means a practice, or a combination of practices, to control erosion and resulting sedimentation.
(13) "Erosion and sediment control system" means the use of appropriate erosion and sediment control measures to minimize sedimentation by first reducing or eliminating erosion at the source and then, as necessary, trapping sediment to prevent it from being discharged from or within a project site.
(14) "Final stabilization" means the establishment of permanent vegetative cover or the application of a permanent nonerosive material to areas where all land disturbing activities have been completed and no additional land disturbing activities are planned under the current permit.
(15) "Grading"means the cutting and filling of the land surface to a desired slope or elevation.
(16) "Impervious surface" means surfaces, such as pavement and rooftops, that prevent the infiltration of storm water into the soil.
(17) "Individual building lot" means a single parcel of land within a multiparcel development.
(18) "Individual lot operator" means a contractor or subcontractor working on an individual lot.
(19) "Individual lot owner" means a person who has financial control of construction activities for an individual lot.
(20) "Land disturbing activity" means any manmade change of the land surface, including removing vegetative cover that exposes the underlying soil, excavating, filling, transporting, and grading.
(21) "Larger common plan of development or sale" means a plan, undertaken by a single project site owner or a group of project site owners acting in concert, to offer lots for sale or lease; where such land is contiguous, or is known, designated, purchased or advertised as a common unit or by a common name, such land shall be presumed as being offered for sale or lease as part of a larger common plan. The term also includes phased or other construction activity by a single entity for its own use.
(22) "Measurable storm event" means a precipitation event that results in a total measured precipitation accumulation equal to, or greater than, one-half (0.5) inch of rainfall.
(23) "MS4 area" means a land area comprising one (1) or more places that receives coverage under one (1) NPDES storm water permit regulated by 327 IAC 15-13 or 327 IAC 5-4-6(a)(4) and 327 IAC 5-4-6(a)(5).
(24) "MS4 operator" means the person responsible for development, implementation, or enforcement of the minimum control measures for a designated MS4 area regulated under 327 IAC 15-13.
(25) "Municipal separate storm sewer system" or "MS4" has the same meaning set forth at 327 IAC 15-13-5(42).

(26) "Peak discharge" means the maximum rate of flow during a storm, usually in reference to a specific design storm event.
(27) "Permanent stabilization" means the establishment, at a uniform density of seventy percent (70%) across the disturbed area, of vegetative cover or permanent nonerosive material that will ensure the resistance of the soil to erosion, sliding, or other movement.
(28) "Phasing of construction" means sequential development of smaller portions of a large project site, stabilizing each portion before beginning land disturbance on subsequent portions, to minimize exposure of disturbed land to erosion.
(29) "Project site" means the entire area on which construction activity is to be performed.
(30) "Project site owner" means the person required to submit the NOI letter under this article and required to comply with the terms of this rule, including either of the following:

(A) A developer.

(B) A person who has financial and operational control of construction activities and project plans and specifications, including the ability to make modifications to those plans and specifications.

(31) "Sediment" means solid material (both mineral and organic) that is in suspension, is being transported, or has been moved from its site of origin by air, water, gravity, or ice and has come to rest on the earth's surface.
(32) "Sedimentation" means the settling and accumulation of unconsolidated sediment carried by storm water run-off.
(33) "Soil" means the unconsolidated mineral and organic material on the surface of the earth that serves as the natural medium for the growth of plants.
(34) "Soil and Water Conservation District" or "SWCD" means a political subdivision established under IC 14-32.
(35) "Storm water pollution prevention plan" means a plan developed to minimize the impact of storm water pollutants resulting from construction activities.
(36) "Storm water quality measure" means a practice, or a combination of practices, to control or minimize pollutants associated with storm water run-off.
(37) "Strip development" means a multilot project where building lots front on an existing road.
(38) "Subdivision" means any land that is divided or proposed to be divided into lots, whether contiguous or subject to zoning requirements, for the purpose of sale or lease as part of a larger common plan of development or sale.
(39) "Temporary stabilization" means the covering of soil to ensure its resistance to erosion, sliding, or other movement. The term includes vegetative cover, anchored mulch, or other nonerosive material applied at a uniform density of seventy percent (70%) across the disturbed area.
(40) "Tracking" means the deposition of soil that is transported from one (1) location to another by tires, tracks of vehicles, or other equipment.
(41) "Trained individual" means an individual who is trained and experienced in the principles of storm water quality, including erosion and sediment control as may be demonstrated by state registration, professional certification, experience, or completion of coursework that enable the individual to make judgments regarding storm water control or treatment and monitoring.

(Water Pollution Control Board; 327 IAC 15-5-4; filed Aug 31, 1992, 5:00 p.m.: 16 IR 23; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 834; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2284)

327 IAC 15-5-5 Notice of intent letter requirements

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4
Affected: IC 13-12-3-1; IC 13-18-1

Sec. 5. (a) The following information must be submitted by the project site owner with a complete NOI letter under this rule:
(1) Name, mailing address, and location of the project site for which the notification is submitted.
(2) The project site owner's name, address, telephone number, e-mail address (if available), ownership status as federal, state, public, private, or other entity.
(3) Contact person (if different than project site owner), person's name, company name, address, e-mail address (if available), and telephone number.
(4) A brief description of the construction project, including a statement of the total acreage of the project site. Total acreage claimed in the NOI letter shall be consistent with the acreage covered in the construction plan.
(5) Estimated dates for initiation and completion of construction activities. Within forty-eight (48) hours of the initiation of

construction activity, the project site owner must notify the commissioner and the appropriate plan reviewing agency of the actual project start date.

(6) The latitude and longitude of the approximate center of the project site to the nearest fifteen (15) seconds, and the nearest quarter section, township, range, and civil township in which the project site is located.

(7) Total impervious surface area, in square feet, of the final project site including structures, roads, parking lots, and other similar improvements.

(8) The number of acres to be involved in the construction activities.

(9) Proof of publication in a newspaper of general circulation in the affected area that notified the public that a construction activity is to commence, that states, "(Company name, address) is submitting an NOI letter to notify the Indiana Department of Environmental Management of our intent to comply with the requirements under 327 IAC 15-5 to discharge storm water from construction activities for the following project: (name of the construction project, address of the location of the construction project). Run-off from the project site will discharge to (stream(s) receiving the discharge(s)).".

(10) As applicable, a list of all MS4 areas designated under 327 IAC 15-13 within which the project site lies.

(11) A written certification by the operator that:

(A) the storm water quality measures included in the construction plan comply with the requirements under sections 6.5, 7, and 7.5 of this rule and that the storm water pollution prevention plan complies with all applicable federal, state, and local storm water requirements;

(B) the measures required by section 7 of this rule will be implemented in accordance with the storm water pollution prevention plan;

(C) if the projected land disturbance is one (1) acre or more, the applicable soil and water conservation district or other entity designated by the department has been sent a copy of the construction plan for review;

(D) storm water quality measures beyond those specified in the storm water pollution prevention plan will be implemented during the life of the permit if necessary to comply with section 7 of this rule; and

(E) implementation of storm water quality measures will be inspected by trained individuals.

(12) The name of receiving water or, if the discharge is to a municipal separate storm sewer, the name of the municipal operator of the storm sewer and the ultimate receiving water.

(13) The NOI letter must be signed by a person meeting the signatory requirements in 327 IAC 15-4-3(g).

(14) A notification from the SWCD, DNR-DSC, or other entity designated by the department as the reviewing agency indicating that the constructions plans are sufficient to comply with this rule. This requirement may be waived if the project site owner has not received notification from the reviewing agency within the time frame specified in 327 IAC 15-5-6(b)(3).

(b) Send NOI letters to:

Attention: Rule 5 Storm Water Coordinator
Indiana Department of Environmental Management
Office of Water Quality, Urban Wet Weather Section
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015.

(Water Pollution Control Board; 327 IAC 15-5-5; filed Aug 31, 1992, 5:00 p.m.: 16 IR 24; errata filed Sep 10, 1992, 12:00 p.m.: 16 IR 65; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 836)

327 IAC 15-5-6 Submittal of an NOI letter and construction plans

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4
Affected: IC 13-12-3-1; IC 13-18-1

Sec. 6. (a) After the project site owner has received notification from the reviewing agency that the construction plans meet the requirements of the rule or the review period outlined in subsection (b)(3) has expired, all NOI letter information required under section 5 of this rule shall be submitted to the commissioner at least forty-eight (48) hours prior to the initiation of land disturbing activities at the site. A copy of the completed NOI letter must also be submitted to all SWCDs, or other entity designated by the department, where the land disturbing activities are to occur. If the NOI letter is determined to be deficient, the project site owner must address the deficient items and submit an amended NOI letter to the commissioner at the address specified in section 5 of this

rule.

(b) For a project site where the proposed land disturbance is one (1) acre or more as determined under section 2 of this rule, the following requirements must be met:

(1) A construction plan must be submitted according to the following:

(A) Prior to the initiation of any land disturbing activities.

(B) Sent to the appropriate SWCD or other entity designated by the department for:

(i) review and verification that the plan meets the requirements of the rule; or

(ii) a single coordinated review in accordance with subsection (d)(3) if:

(AA) the construction activity will occur in more than one (1) SWCD; and

(BB) the project site owner has made a request for a single coordinated review.

(2) If the construction plan required by subdivision (1) is determined to be deficient, the SWCD, DNR-DSC, or other entity designated by the department as the reviewing agency may require modifications, terms, and conditions as necessary to meet the requirements of the rule. The initiation of construction activity following notification by the reviewing agency that the plan does not meet the requirements of the rule is a violation and subject to enforcement action. If notification of a deficient plan is received after the review period outlined in subdivision (3) and following commencement of construction activities, the plans must be modified to meet the requirements of the rule and resubmitted within fourteen (14) days of receipt of the notification of deficient plans.

(3) If the project site owner does not receive notification within twenty-eight (28) days after the plan is received by the reviewing agency stating that the reviewing agency finds the plan is deficient, the project site owner may submit the NOI letter information.

(c) The following apply for a project where construction activity occurs inside a single MS4 area regulated under 327 IAC 15-13:

(1) A copy of the completed NOI letter must be submitted to the appropriate MS4 operators.

(2) The project site owner must comply with all appropriate ordinances and regulations within the MS4 area related to storm water discharges. The MS4 operator ordinance as required by 327 IAC 15-13-15(b) and 327 IAC 15-13-16(b) will be considered to have the same authority as this rule within the regulated MS4 area.

(d) For a project that will occur in more than one (1) jurisdiction, such as an SWCD or regulated MS4 area, the following must be met:

(1) Project site owners of project sites occurring in multiple MS4 areas, but not in nondesignated areas, shall submit the information required in subsection (c) to each appropriate MS4 operator.

(2) Project site owners of project sites occurring in one (1) or more MS4 areas and nondesignated areas shall submit the information required in subsections (a) through (c) to all appropriate MS4 operators, and the SWCD or other entity designated by the department.

(3) Project site owners of project sites occurring in multiple nondesignated areas, but not occurring within an MS4 area, may request a single coordinated review through the DNR-DSC office at the following address:

402 West Washington Street
Room W265
Indianapolis, Indiana 46204.

Upon acceptance of the request, the DNR-DSC will coordinate the plan review with appropriate SWCDs and other entities designated by the department. *(Water Pollution Control Board; 327 IAC 15-5-6; filed Aug 31, 1992, 5:00 p.m.: 16 IR 24; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 837; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2284)*

327 IAC 15-5-6.5 Requirements for construction plans

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4
Affected: IC 13-12-3-1; IC 13-18-1

Sec. 6.5. (a) For project sites that do not meet the criteria in subsection (b), the project site owner shall develop a set of construction plans. Storm water quality measures included in the plan must achieve the minimum project site requirements specified in section 7 of this rule. The construction plans must include the following:

(1) Project narrative and supporting documents, including the following information:

(A) An index indicating the location, in the construction plans, of all information required by this subsection.

(B) Description of the nature and purpose of the project.

(C) Legal description of the project site. The description should be to the nearest quarter section, township, and range, and include the civil township.

(D) Soil properties, characteristics, limitations, and hazards associated with the project site and the measures that will be integrated into the project to overcome or minimize adverse soil conditions.

(E) General construction sequence of how the project site will be built, including phases of construction.

(F) Hydrologic Unit Code (14 Digit) available from the United States Geological Survey (USGS).

(G) A reduced plat or project site map showing the lot numbers, lot boundaries, and road layout and names. The reduced map must be legible and submitted on a sheet or sheets no larger than eleven (11) inches by seventeen (17) inches for all phases or sections of the project site.

(H) Identification of any other state or federal water quality permits that are required for construction activities associated with the owner's project site.

(2) Vicinity map depicting the project site location in relationship to recognizable local landmarks, towns, and major roads, such as a USGS topographic quadrangle map or county or municipal road map.

(3) An existing project site layout that must include the following information:

(A) Location and name of all wetlands, lakes, and water courses on or adjacent to the project site.

(B) Location of all existing structures on the project site.

(C) One hundred (100) year floodplains, floodway fringes, and floodways. Please note if none exists.

(D) Soil map of the predominant soil types, as determined by the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) Soil Survey, or an equivalent publication, or as determined by a soil scientist. A soil legend must be included with the soil map.

(E) Identification and delineation of vegetative cover, such as grass, weeds, brush, and trees, on the project site.

(F) Land use of all adjacent properties.

(G) Existing topography at a contour interval appropriate to indicate drainage patterns.

(4) Final project site layout, including the following information:

(A) Location of all proposed site improvements, including roads, utilities, lot delineation and identification, proposed structures, and common areas.

(B) One hundred (100) year floodplains, floodway fringes, and floodways. Please note if none exists.

(C) Proposed final topography at a contour interval appropriate to indicate drainage patterns.

(5) A grading plan, including the following information:

(A) Delineation of all proposed land disturbing activities, including off-site activities that will provide services to the project site.

(B) Location of all soil stockpiles and borrow areas.

(C) Information regarding any off-site borrow, stockpile, or disposal areas that are associated with a project site and under the control of the project site owner.

(D) Existing and proposed topographic information.

(6) A drainage plan, including the following information:

(A) An estimate of the peak discharge, based on the ten (10) year storm event, of the project site for both preconstruction and postconstruction conditions.

(B) Location, size, and dimensions of all storm water drainage systems, such as culverts, storm sewers, and conveyance channels.

(C) Locations where storm water may be directly discharged into ground water, such as abandoned wells or sinkholes. Please note if none exists.

(D) Locations of specific points where storm water discharge will leave the project site.

(E) Name of all receiving waters. If the discharge is to a separate municipal storm sewer, identify the name of the municipal operator and the ultimate receiving water.

(F) Location, size, and dimensions of features, such as permanent retention or detention facilities, including existing or manmade wetlands, used for the purpose of storm water management.

(7) A storm water pollution prevention plan associated with construction activities. The plan must be designed to, at least, meet the requirements of sections 7 and 7.5 of this rule and must include the following:

(A) Location, dimensions, detailed specifications, and construction details of all temporary and permanent storm water quality measures.

(B) Temporary stabilization plans and sequence of implementation.

(C) Permanent stabilization plans and sequence of implementation.

(D) Temporary and permanent stabilization plans shall include the following:

(i) Specifications and application rates for soil amendments and seed mixtures.

(ii) The type and application rate for anchored mulch.

(E) Construction sequence describing the relationship between implementation of storm water quality measures and stages of construction activities.

(F) Self-monitoring program including plan and procedures.

(G) A description of potential pollutant sources associated with the construction activities, that may reasonably be expected to add a significant amount of pollutants to storm water discharges.

(H) Material handling and storage associated with construction activity shall meet the spill prevention and spill response requirements in 327 IAC 2-6.1.

(8) The postconstruction storm water pollution prevention plan. The plan must include the following information:

(A) A description of potential pollutant sources from the proposed land use, that may reasonably be expected to add a significant amount of pollutants to storm water discharges.

(B) Location, dimensions, detailed specifications, and construction details of all postconstruction storm water quality measures.

(C) A description of measures that will be installed to control pollutants in storm water discharges that will occur after construction activities have been completed. Such practices include infiltration of run-off, flow reduction by use of open vegetated swales and natural depressions, buffer strip and riparian zone preservation, filter strip creation, minimization of land disturbance and surface imperviousness, maximization of open space, and storm water retention and detention ponds.

(D) A sequence describing when each postconstruction storm water quality measure will be installed.

(E) Storm water quality measures that will remove or minimize pollutants from storm water run-off.

(F) Storm water quality measures that will be implemented to prevent or minimize adverse impacts to stream and riparian habitat.

(G) A narrative description of the maintenance guidelines for all postconstruction storm water quality measures to facilitate their proper long term function. This narrative description shall be made available to future parties who will assume responsibility for the operation and maintenance of the postconstruction storm water quality measures.

(b) For a single-family residential development consisting of four (4) or fewer lots or a single-family residential strip development where the developer offers for sale or lease without land improvements, and the project is not part of a larger common plan of development or sale, the project site owner shall develop a set of construction plans containing storm water quality measures that achieve the minimum project site requirements specified in section 7 of this rule. The construction plan must include the following:

(1) Project narrative and supporting documents, including the following information:

(A) An index indicating the location, in the construction plans, of all required items in this subsection.

(B) Description of the nature and purpose of the project.

(C) Legal description of the project site. The description should be to the nearest quarter section, township, and range, and include the civil township.

(D) Soil properties, characteristics, limitations, and hazards associated with the project site and the measures that will be integrated into the project to overcome or minimize adverse soil conditions.

(E) Hydrologic Unit Code (14 Digit) available from the United States Geological Survey (USGS).

(F) Identification of any other state or federal permits that are required for construction activities associated with the project site owner's project site.

(2) Vicinity map depicting the project site location in relationship to recognizable local landmarks, towns, and major roads, such as a USGS topographic quadrangle map or county or municipal road map.

(3) A project site layout that must include the following information:

(A) Location and name of all wetlands, lakes, and water courses on or adjacent to the project site.

(B) Location of all existing structures on the project site (if applicable).

(C) One hundred (100) year floodplains, floodway fringes, and floodways. Please note if none exists.

(D) Soil map of the predominant soil types, as determined by the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) Soil Survey, or an equivalent publication, or as determined by a soil scientist. A soil legend must be included with the soil map.

(E) Identification and delineation of vegetative cover, such as grass, weeds, brush, and trees, on the project site.

(F) Land use of all adjacent properties.

(G) Existing and proposed topography at a contour interval appropriate to indicate drainage patterns.

(H) Location of all proposed site improvements, including roads, utilities, lot delineation and identification, and proposed structures.

(4) A storm water pollution prevention plan associated with construction activities. The plan must be designed to, at least, meet the requirements of sections 7 and 7.5 of this rule and must include the following:

(A) Delineation of all proposed land disturbing activities, including off-site activities that will provide services to the project site.

(B) Location of all soil stockpiles and borrow areas.

(C) Location, size, and dimensions of all storm water drainage systems, such as culverts, storm sewers, and conveyance channels.

(D) Locations where storm water may be directly discharged into ground water, such as abandoned wells or sinkholes. Please note if none exist.

(E) Locations of specific points where storm water discharge will leave the project site.

(F) Name of all receiving waters. If the discharge is to a separate municipal storm sewer, identify the name of the municipal operator and the ultimate receiving water.

(G) Location, dimensions, detailed specifications, and construction details of all temporary and permanent storm water quality measures.

(H) Temporary stabilization plans and sequence of implementation of storm water quality measures.

(I) Temporary and permanent stabilization plans shall include the following:

(i) Specifications and application rates for soil amendments and seed mixtures.

(ii) The type and application rate for anchored mulch.

(J) Self-monitoring program plan and procedures.

(c) The SWCD or the DNR-DSC representative or other designated entity may upon finding reasonable cause require modification to the construction plan if it is determined that changes are necessary due to site conditions or project design changes. Revised plans, if requested, must be submitted to the appropriate entity within twenty-one (21) calendar days of a request for a modification. *(Water Pollution Control Board; 327 IAC 15-5-6.5; filed Oct 27, 2003, 10:15 a.m.: 27 IR 838; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2284)*

327 IAC 15-5-7 General requirements for storm water quality control

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4
Affected: IC 13-12-3-1; IC 13-18-1

Sec. 7. (a) All storm water quality measures and erosion and sediment controls necessary to comply with this rule must be implemented in accordance with the construction plan and sufficient to satisfy subsection (b).

(b) A project site owner shall, at least, meet the following requirements:

(1) Sediment-laden water which otherwise would flow from the project site shall be treated by erosion and sediment control measures appropriate to minimize sedimentation.

(2) Appropriate measures shall be implemented to minimize or eliminate wastes or unused building materials, including garbage, debris, cleaning wastes, wastewater, concrete truck washout, and other substances from being carried from a project site by run-off or wind. Identification of areas where concrete truck washout is permissible must be clearly posted at appropriate areas of the site. Wastes and unused building materials shall be managed and disposed of in accordance with all

applicable statutes and regulations.
(3) A stable construction site access shall be provided at all points of construction traffic ingress and egress to the project site.
(4) Public or private roadways shall be kept cleared of accumulated sediment that is a result of run-off or tracking. Bulk clearing of sediment shall not include flushing the area with water. Cleared sediment shall be redistributed or disposed of in a manner that is in accordance with all applicable statutes and regulations.
(5) Storm water run-off leaving a project site must be discharged in a manner that is consistent with applicable state or federal law.
(6) The project site owner shall post a notice near the main entrance of the project site. For linear project sites, such as a pipeline or highway, the notice must be placed in a publicly accessible location near the project field office. The notice must be maintained in a legible condition and contain the following information:
(A) Copy of the completed NOI letter and the NPDES permit number, where applicable.
(B) Name, company name, telephone number, e-mail address (if available), and address of the project site owner or a local contact person.
(C) Location of the construction plan if the project site does not have an on-site location to store the plan.
(7) This permit and posting of the notice under subdivision (6) does not provide the public with any right to trespass on a project site for any reason, nor does it require that the project site owner allow members of the public access to the project site.
(8) The storm water pollution prevention plan shall serve as a guideline for storm water quality, but should not be interpreted to be the only basis for implementation of storm water quality measures for a project site. The project site owner is responsible for implementing, in accordance with this rule, all measures necessary to adequately prevent polluted storm water run-off.
(9) The project site owner shall inform all general contractors, construction management firms, grading or excavating contractors, utility contractors, and the contractors that have primary oversight on individual building lots of the terms and conditions of this rule and the conditions and standards of the storm water pollution prevention plan and the schedule for proposed implementation.
(10) Phasing of construction activities shall be used, where possible, to minimize disturbance of large areas.
(11) Appropriate measures shall be planned and installed as part of an erosion and sediment control system.
(12) All storm water quality measures must be designed and installed under the guidance of a trained individual.
(13) Collected run-off leaving a project site must be either discharged directly into a well-defined, stable receiving channel or diffused and released to adjacent property without causing an erosion or pollutant problem to the adjacent property owner.
(14) Drainage channels and swales must be designed and adequately protected so that their final gradients and resultant velocities will not cause erosion in the receiving channel or at the outlet.
(15) Natural features, including wetlands and sinkholes, shall be protected from pollutants associated with storm water run-off.
(16) Unvegetated areas that are scheduled or likely to be left inactive for fifteen (15) days or more must be temporarily or permanently stabilized with measures appropriate for the season to minimize erosion potential. Alternative measures to site stabilization are acceptable if the project site owner or their representative can demonstrate they have implemented erosion and sediment control measures adequate to prevent sediment discharge. Vegetated areas with a density of less than seventy percent (70%) shall be restabilized using appropriate methods to minimize the erosion potential.
(17) During the period of construction activities, all storm water quality measures necessary to meet the requirements of this rule shall be maintained in working order.
(18) A self-monitoring program that includes the following must be implemented:
(A) A trained individual shall perform a written evaluation of the project site:
(i) by the end of the next business day following each measurable storm event; and
(ii) at a minimum of one (1) time per week.
(B) The evaluation must:
(i) address the maintenance of existing storm water quality measures to ensure they are functioning properly; and
(ii) identify additional measures necessary to remain in compliance with all applicable statutes and rules.
(C) Written evaluation reports must include:
(i) the name of the individual performing the evaluation;
(ii) the date of the evaluation;

(iii) problems identified at the project site; and

(iv) details of corrective actions recommended and completed.

(D) All evaluation reports for the project site must be made available to the inspecting authority within forty-eight (48) hours of a request.

(19) Proper storage and handling of materials, such as fuels or hazardous wastes, and spill prevention and clean-up measures shall be implemented to minimize the potential for pollutants to contaminate surface or ground water or degrade soil quality.

(20) Final stabilization of a project site is achieved when:

(A) all land disturbing activities have been completed and a uniform (for example, evenly distributed, without large bare areas) perennial vegetative cover with a density of seventy percent (70%) has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures have been employed; and

(B) construction projects on land used for agricultural purposes are returned to its preconstruction agricultural use or disturbed areas, not previously used for agricultural production, such as filter strips and areas that are not being returned to their preconstruction agricultural use, meet the final stabilization requirements in clause (A).

(Water Pollution Control Board; 327 IAC 15-5-7; filed Aug 31, 1992, 5:00 p.m.:16 IR 24; readopted filed Jan 10, 2001, 3:23 p.m.:24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 840; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2284)

327 IAC 15-5-7.5 General requirements for individual building lots within a permitted project

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4
Affected: IC 13-12-3-1; IC 13-18-1

Sec. 7.5. (a) All storm water quality measures, including erosion and sediment control, necessary to comply with this rule must be implemented in accordance with the plan and sufficient to satisfy subsection (b).

(b) Provisions for erosion and sediment control on individual building lots regulated under the original permit of a project site owner must include the following requirements:

(1) The individual lot operator, whether owning the property or acting as the agent of the property owner, shall be responsible for erosion and sediment control requirements associated with activities on individual lots.

(2) Installation and maintenance of a stable construction site access.

(3) Installation and maintenance of appropriate perimeter erosion and sediment control measures prior to land disturbance.

(4) Sediment discharge and tracking from each lot must be minimized throughout the land disturbing activities on the lot until permanent stabilization has been achieved.

(5) Clean-up of sediment that is either tracked or washed onto roads. Bulk clearing of sediment shall not include flushing the area with water. Cleared sediment must be redistributed or disposed of in a manner that is in compliance with all applicable statutes and rules.

(6) Adjacent lots disturbed by an individual lot operator must be repaired and stabilized with temporary or permanent surface stabilization.

(7) For individual residential lots, final stabilization meeting the criteria in section 7(b)(20) of this rule will be achieved when the individual lot operator:

(A) completes final stabilization; or

(B) has installed appropriate erosion and sediment control measures for an individual lot prior to occupation of the home by the homeowner and has informed the homeowner of the requirement for, and benefits of, final stabilization.

(Water Pollution Control Board; 327 IAC 15-5-7.5; filed Oct 27, 2003, 10:15 a.m.: 27 IR 843)

327 IAC 15-5-8 Project termination

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4
Affected: IC 13-12-3-1; IC 13-18-1

Sec. 8. (a) The project site owner shall plan an orderly and timely termination of the construction activities, including the implementation of storm water quality measures that are to remain on the project site.

(b) The project site owner shall submit a notice of termination (NOT) letter to the commissioner and a copy to the appropriate

SWCD or other designated entity in accordance with the following:

(1) Except as provided in subdivision (2), the project site owner shall submit an NOT letter when the following conditions have been met:

(A) All land disturbing activities, including construction on all building lots, have been completed and the entire site has been stabilized.

(B) All temporary erosion and sediment control measures have been removed.

The NOT letter must contain a verified statement that each of the conditions in this subdivision has been met.

(2) The project site owner may submit an NOT letter to obtain early release from compliance with this rule if the following conditions are met:

(A) The remaining, undeveloped acreage does not exceed five (5) acres, with contiguous areas not to exceed one (1) acre.

(B) A map of the project site, clearly identifying all remaining undeveloped lots, is attached to the NOT letter. The map must be accompanied by a list of names and addresses of individual lot owners or individual lot operators of all undeveloped lots.

(C) All public and common improvements, including infrastructure, have been completed and permanently stabilized and have been transferred to the appropriate local entity.

(D) The remaining acreage does not pose a significant threat to the integrity of the infrastructure, adjacent properties, or water quality.

(E) All permanent storm water quality measures have been implemented and are operational.

(c) Following acceptance of the NOT letter and written approval from the department for early release under subsection (b), the project site owner shall notify all current individual lot owners and all subsequent individual lot owners of the remaining undeveloped acreage and acreage with construction activity that they are responsible for complying with section 7.5 of this rule. The remaining individual lot owners do not need to submit an NOI letter or NOT letter. The notice must contain a verified statement that each of the conditions in subsection (b)(2) have been met. The notice must also inform the individual lot owners of the requirements to:

(1) install and maintain appropriate measures to prevent sediment from leaving the individual building lot; and

(2) maintain all erosion and sediment control measures that are to remain on-site as part of the construction plan.

(d) The SWCD, DNR-DSC, other entity designated by the department or a regulated MS4 entity, or the department may inspect the project site to evaluate the adequacy of the remaining storm water quality measures and compliance with the NOT letter requirements. If the inspecting entity finds that the project site owner has sufficiently filed an NOT letter, the entity shall forward notification to the department. Upon receipt of the verified NOT letter by the department and receipt of written approval from the department, the project site owner shall no longer be responsible for compliance with this rule.

(e) After a verified NOT letter has been submitted for a project site, maintenance of the remaining storm water quality measures shall be the responsibility of the individual lot owner or occupier of the property. *(Water Pollution Control Board; 327 IAC 15-5-8; filed Aug 31, 1992, 5:00 p.m.: 16 IR 25; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 843)*

327 IAC 15-5-9 Standard conditions

Authority: IC 13-1-3-4; IC 13-1-3-7; IC 13-7-7; IC 13-7-10-1
Affected: IC 13-1-3; IC 13-7

Sec. 9. The standard conditions for NPDES general permit rules under 327 IAC 15-4 shall apply to this rule. *(Water Pollution Control Board; 327 IAC 15-5-9; filed Aug 31, 1992, 5:00 p.m.: 16 IR 26; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518)*

327 IAC 15-5-10 Inspection and enforcement

Authority: IC 13-13-5-2; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2; IC 13-18-3-3; IC 13-18-3-13; IC 13-18-4-1; IC 13-18-4-3
Affected: IC 13-14-10; IC 13-15-7; IC 13-18-3; IC 13-18-4; IC 13-30

Sec. 10. (a) The department or its designated representative may inspect any project site involved in construction activities

regulated by this rule at reasonable times. The department or its designated representatives may make recommendations to the project site owner or their representative to install appropriate measures beyond those specified in the storm water pollution prevention plan to achieve compliance.

(b) All persons engaging in construction activities on a project site shall be responsible for complying with the storm water pollution prevention plan and the provisions of this rule.

(c) The department shall investigate potential violations of this rule to determine which person may be responsible for the violation. The department shall, if appropriate, consider public records of ownership, building permits issued by local units of government, and other relevant information, which may include site inspections, storm water pollution prevention plans, notices of intent, and other information related to the specific facts and circumstances of the potential violation. Any person causing or contributing to a violation of any provisions of this rule shall be subject to enforcement and penalty under IC 13-14-10, IC 13-15-7, and IC 13-30.

(d) If remaining storm water quality measures are not properly maintained by the person occupying or owning the property, the department may pursue enforcement against that person for correction of deficiencies under 327 IAC 15-1-4.

(e) Construction plans and supporting documentation associated with the quality assurance plan must be made available to the department or its designated representatives within forty-eight (48) hours of such a request. *(Water Pollution Control Board; 327 IAC 15-5-10; filed Aug 31, 1992, 5:00 p.m.: 16 IR 26; filed Mar 23, 2000, 4:15 p.m.: 23 IR 1912; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 844)*

327 IAC 15-5-11 Notification of completion (Repealed)

Sec. 11. *(Repealed by Water Pollution Control Board; filed Oct 27, 2003, 10:15 a.m.: 27 IR 863)*

327 IAC 15-5-12 Duration of coverage

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4
Affected: IC 13-12-3-1; IC 13-18-1

Sec. 12. (a) A permit issued under this rule is granted by the commissioner for a period of five (5) years from the date coverage commences.

(b) Once the five (5) year permit term duration is reached, a general permit issued under this rule will be considered expired, and, as necessary for construction activity continuation, a new NOI letter would need to be submitted in accordance with subsection (c).

(c) To obtain renewal of coverage under this rule, the information required under sections 5 and 6 of this rule must be submitted to the commissioner ninety (90) days prior to the termination of coverage under this NPDES general permit rule, unless the commissioner determines that a later date is acceptable. Coverage under renewal NOI letters will begin on the date of expiration from the previous five (5) year permit term. *(Water Pollution Control Board; 327 IAC 15-5-12; filed Oct 27, 2003, 10:15 a.m.: 27 IR 844)*

Rule 6. Storm Water Discharges Exposed to Industrial Activity

327 IAC 15-6-1 Purpose

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4
Affected: IC 13-12-3-1; IC 13-18-1

Sec. 1. The purpose of this rule is to establish requirements for storm water discharges exposed to industrial activity that are composed entirely of storm water and allowable nonstorm water so that the public health, existing water uses, and aquatic biota are protected. *(Water Pollution Control Board; 327 IAC 15-6-1; filed Aug 31, 1992, 5:00 p.m.: 16 IR 26; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 845)*

Water Quality Survey

This survey is being conducted as part of the creation of the City of Huntington's Stormwater Management Plan. One requirement of the plan is the evaluation of the publics knowledge of stormwater and to find out to what degree they participate in community activities. Therefore, it is very important to the creation of the plan that you answer the following questions and return this survey with your next municipal utility payment. We thank you in advance for your participation.

Education

1. I consider the Wabash and Little Rivers as valuable resources.

   ☐ Agree ☐ Disagree ☐ No Opinion

2. I know the name of the stream/river/ditch closest to my place of residence.

   ☐ Yes ☐ No

3. Water that goes down storm drains is treated at the wastewater plant before reaching a body of water.

   ☐ True ☐ False ☐ Unsure

4. Which home/business activity/activities can negatively impact the quality of stormwater if not done properly?

   ☐ Fertilizing ☐ Washing Cars ☐ Oil Changes
   ☐ Disposing of pet waste ☐ Disposing of Hazardous Materials

5. The majority of pollution originates from:

   ☐ Non-point source pollution (i.e. parking lot runoff)
   ☐ Point-source pollution (i.e. industry and manufacturing)

6. Huntington obtains the majority of it's drinking water from:

   ☐ Groundwater (i.e. well) ☐ Surface water (i.e. reservoir) ☐ Some other source

Participation

7. I _____attend festivals and events, such as Heritage Days, Salamonie Summer Festival, and Pioneer Festival.

   ☐ Frequently ☐ Sometimes ☐ Rarely
   ☐ I wasn't aware there were such events.

8. I _____ participate in Huntington County recycling program

   ☐ Frequently ☐ Sometimes ☐ Rarely
   ☐ Never ☐ I'm not eligible

9. I _____ volunteer for or participate in community clean-up projects.

   ☐ Frequently ☐ Sometimes ☐ Rarely
   ☐ Didn't know there were such projects

General

10. I am responding from a:

    ☐ Residence ☐ Retail Business ☐ Business Office
    ☐ Industry ☐ Agricultural Operation ☐ Other

Water Quality Survey Results

Field	Number	%
Number of Surveys Sent	6600	N/A
Number of Surveys Returned	320	5%
Didn't answer the following question	*2*	*1%*
Agree that the River is a resource	280	88%
Diagree that the River is a resource	10	3%
Have no opinion whether the River is a resource or not.	28	9%
	320	100%
Didn't answer the following question	*3*	*1%*
Know the name of the closest stream, river or ditch	228	72%
Do not know the name of the closests stream, river or ditch	89	28%
	320	100%
Didn't answer the following question	*5*	*2%*
Believe that stormwater is treated	71	23%
Do not believe that stormwater is treated	143	45%
Are unsure whether or not stormwater is treated.	101	32%
	320	100%
Didn't answer the following question	*6*	*2%*
Done incorrectly fertilizing can negatively impact stormwater quality	265	84%
Fertilizing can't hurt stormwater quality	49	16%
	320	100%
Didn't answer the following question	*7*	*2%*
Done incorrectly washing cars can negatively impact stormwater quality	175	56%
Washing cars can't hurt stormwater quality	138	44%
	320	100%
Didn't answer the following question	*6*	*2%*
Done incorrectly oil changes can negatively impact stormwater quality	253	81%
Oil changes can't hurt stormwater quality	61	19%
	320	100%
Didn't answer the following question	*6*	*2%*
Done incorrectly pet waste disposal can negatively impact stormwater quality	198	63%
Pet waste can't hurt stormwater quality	116	37%
	320	100%
Didn't answer the following question	*6*	*2%*
Done incorrectly HHW disposal can negatively impact stormwater quality	295	94%
HHW disposal can't hurt stormwater quality	19	6%
	320	100%
Didn't answer the following question	*30*	*9%*
The majority of stormwater pollution originates from non-point source pollution	97	33%
The majority of stormwater pollution originates from point-source pollution	193	67%
	320	100%
Didn't answer the following question	*17*	*5%*
The majority of the communities drinking water comes from groundwater	243	80%
The majority of the communities drinking water comes from surface water	48	16%
The majority of the communities drinking water comes from some other source	12	4%
	320	100%
Didn't answer the following question	*4*	*1%*
Wasn't aware of such events	*1*	*0%*
Frequently attend	139	44%
Sometimes attend	124	39%
Rarely attend	52	17%

Never attend	0	0%
	320	100%

Didn't answer the following question	*4*	*1%*
Are not eligible	*2*	*1%*
Frequently recycle	273	87%
Sometimes recycle	24	8%
Rarely recycle	9	3%
Never recycle	8	3%
	320	100%

Didn't answer the following question	*7*	*2%*
Didn't know there were such projects	*65*	*20%*
Frequently volunteer	38	15%
Sometimes volunteer	66	27%
Rarely volunteer	144	58%
Never volunteer	0	0%
	320	100%

Didn't answer	*1*	*0%*
Answered as a Residence	299	94%
Answered as a Retail Business	9	3%
Answered as a Business Office	7	2%
Answered as an Industry	1	0%
Answered as an Agricultural Operation	0	0%
Answered Other	3	1%
	320	100%

RULE 13 ANNUAL REPORT

State Form 51278 (R3 / 11-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetwtnr/storm/rule13.html

NOTE:

- In order to comply with 327 IAC 15-13-18, annual reports must be submitted to the Indiana Department of Environmental Management. **Failure to submit this form will be considered noncompliance with your permit.**
- For the **first five** (5)-year permit term, this completed form must be submitted by 1 year from the SWQMP – Part C submittal date and, thereafter, 1 year from the previous report (i.e., in years two (2) through five (5) of permit coverage).
- In the **second and subsequent** five (5)-year permit terms, this completed form must be submitted in years two (2) and four (4) of permit coverage, by 1 and 3 years from the SWQMP – Part C resubmittal date.
- **Please type or print in ink.**
- Please answer all questions thoroughly and return the form by the due date.
- Return this form and any required addenda to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

REPORTING YEAR (Check one)

- ☐ 2005
- ☐ 2006
- ☐ 2007
- ☐ 2008
- ☐ 2009
- ☐ 2010
- ☐ 2011
- ☐ 2012
- ☐ 2013

PART A: GENERAL INFORMATION – MS4 OPERATOR

1. Report Completed By: _____
(MS4 Operator — i.e., name of permit holder)

2. Permit Number: INR | 0 | 4 | 0 | | | |

3. Mailing Address
Street Address:

☐City ☐Town Of:	Zip:	County:

PART B: GENERAL INFORMATION – CONTACT PERSON

4. Contact Person Name (please print): _____

5. Contact Person Title:

6. Phone Number:

7. Facsimile Number (if applicable):

8. E-mail Address (if applicable):

PART C: CONTROL MEASURE ACTIVITIES

9. For the following items, please provide a summary of control measure activities related to Rule 13 performed during the previous year.
List any updated measurable goals from the SWQMP, compliance activities, BMPs installed or initiated, updated programmatic indicator data, and updated or developed regulatory mechanisms with effective dates.

a. Public Education and Outreach:

b. Public Involvement and Participation:

c. Illicit Discharge Detection and Elimination:

d. Construction Site Storm Water Run-off Control:

e. Postconstruction Storm Water Management in New Development and Redevelopment:

f. Pollution Prevention and Good Housekeeping for Municipal Operations:

g. Other controls:

10. List all receiving water(s) and corresponding outfall(s) not submitted in the original NOI letter (form):

11. Provide any data regarding the following programmatic indicators, since the previous annual report (Attach separate sheets as necessary, and indicate, as appropriate, the rationale behind not using a listed indicator):

i. Number or percentage of citizens that have an awareness of storm water quality issues

ii. Number and description of meetings, training sessions, and events conducted to involve citizens

iii. Number or percentage of citizens that participate in storm water quality improvement projects

iv. Number and location of storm drains marked or cast

v. Estimated linear feet or percentage of MS4 conveyances mapped

vi. Number and location of MS4 area outfalls mapped

vii. Number and location of MS4 area outfalls screened for illicit discharges

viii. Number and location of illicit discharges detected

ix. Number and location of illicit discharges eliminated

x. Number of, and amount of material collected from, HHW collections

xi. Number and location of citizen drop-off centers for automotive fluids

xii. Number or percentage of citizens that participate in HHW collections

xiii. Number of construction sites permitted for storm water quality

xiv. Number of construction sites inspected

xv. Number and type of enforcement actions taken against construction site operators

xvi. Number of public informational requests received related to construction sites

xvii. Number, type, and location of structural BMPs installed

xviii. Number, type, and location of structural BMPs inspected

xix. Number, type, and location of structural BMPs maintained, or improved

xx. Type and location of nonstructural BMPs utilized

xxi. Estimated acreage or square footage of open space preserved and mapped

xxii. Estimated acreage or square footage of mapped pervious and impervious surfaces

xxiii. Number and location of retail gasoline outlets or municipal, state, federal, or institutional refueling areas with installed BMPs

xxiv. Number and location of entity facilities that have containment for accidental releases

xxv. Estimated acreage or square footage and location where pesticides, herbicides and fertilizers are applied by the entity

xxvi. Estimated linear feet or percentage and location of unvegetated swales and ditches that have an adequately sized vegetated filter strip

xxvii. Estimated linear feet or percentage and location of MS4s cleaned or repaired

xxviii. Estimated linear feet or percentage and location of roadside shoulders and ditches stabilized

xxix. Number and location of storm water outfall areas remediated from scouring conditions

xxx. Number and location of de-icing salt and sand storage areas covered or otherwise improved to minimize storm water exposure

xxxi. Estimated amount, in tons, of salt and sand used for snow and ice control

xxxii. Estimated amount of material collected from catch basin, trash rack, or other structural BMP cleaning

xxxiii. Estimated amount of material collected from street sweeping

xxxiv. Number or percentage and location of canine parks sited at least 150 feet away from a surface water body

xxxv. Other

PART D: MISCELLANEOUS INFORMATION

12. On-Going Water Quality Characterization Activities

a) Monitoring Data (submit summary of appropriate results):

b) Other:

13. Discuss any problems encountered during this period (include any BMP changes in response to problems encountered).

14. Identify any new funding source(s) for implementing this permit.

15. Identify any non-routine (i.e. do not include routine maintenance or cleaning) budgetary transactions related to your permit. List all storm water improvement projects started during this reporting period.

16. Provide a summary of complaints received and the follow-up actions taken in reference to storm water quality issues.

17. Implementation status:

a. Are the six minimum control measures being implemented within the compliance schedule and SWQMP timetables?
☐Yes ☐No*
* If no, explain:

b. Do you foresee any problems which may affect full implementation of all the measures?
☐Yes ☐No*
* If yes, explain:

c. Are the six minimum control measures meeting percent reduction goals specified in the SWQMP?
☐Yes ☐No*
* If no, explain:

PART E: CERTIFICATION AND SIGNATURE

► **The individual completing this report, listed in "PART A: GENERAL INFORMATION – MS4 OPERATOR" must sign the following certification statement:**

"By signing this Rule 13 annual report, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Type or Print Name: _____

Signature: _____ **Date:** _____ *(mm/dd/year)*

RULE 13 –

Certification of the Development and Implementation of a Program to Reduce Pollutant Run-Off from Municipal Operations for the Municipal Operations Pollution Prevention and Good Housekeeping MCM

State Form 51281 (R2 / 11-03)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetwthr/storm/rule13.html

NOTE:

- This form must be used to comply with section 17(b) of 327 IAC 15-13.
- The program required under this MCM must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.
- Submit this completed form when the program has been developed and implemented.
- Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

CERTIFICATION AND SIGNATURE

The State of Indiana requires _____(MS4 Operator) to develop and implement a program to ensure that existing municipal, State or Federal operations are performed in ways that do not cause or contribute to contamination of storm water discharges. Written documentation of preventative maintenance, control measures, pesticide use minimization, proper waste disposal, waste reduction, and municipal employee training must be incorporated into this program. This program must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.

► The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040_____.

"I certify, under penalty of law, that this program and all required materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Authorized Signature[1]: _____ **Date:** _____
(mm/dd/year)

Title[2]: _____
(typed or printed)

[1]The "authorized signature" required above must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual.
[2]The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).

RULE 13 –
Certification of the Development, Implementation, Management, and Enforcement of an Erosion and Sediment Control Program for the Construction Site Storm Water Run-Off Control MCM

State Form 51272 (R2 / 11-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetwthr/storm/rule13.html

NOTE:

- This form must be used to comply with section 15(b) of 327 IAC 15-13.
- The program required under this MCM must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.
- Submit this completed form when the program has been developed and implemented.
- Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

CERTIFICATION AND SIGNATURE

The State of Indiana requires _____(MS4 Operator) to develop, implement, manage, and enforce an erosion and sediment control program for construction activities that disturb one (1) or more acres of land within the regulated MS4 area. As part of this program, an ordinance or other regulatory mechanism must be created or modified, and be substantially similar to IDEM's construction storm water program (327 IAC 15-5). This program and associated legal authorities must be obtained and implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.

► The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040_____.

"I certify, under penalty of law, that this program and all required documents and materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Authorized Signature[1]: _____ **Date:** _____
(mm/dd/year)

Title[2]: _____
(typed or printed)

[1]The "authorized signature" required above must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual.
[2]The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).

RULE 13 –
Certification of the Development, Implementation, Management, and Enforcement of a Postconstruction Storm Water Run-Off Control Program for the Postconstruction Storm Water Run-Off Control MCM

State Form 51274 (R4 / 12-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetv/thr/storm/rule13.html

NOTE:

- This form must be used to comply with section 16(b) and (e) of 327 IAC 15-13.
- The program required under this MCM must be implemented within seven hundred thirty (730) days of the Notice of Intent (NOI) letter submittal date.
- Submit this completed form when the program has been developed and implemented.
- Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

CERTIFICATION AND SIGNATURE

The State of Indiana requires _____(MS4 Operator) to develop, implement, manage, and enforce a program to address discharges of postconstruction storm water run-off from new development and redevelopment areas within the regulated MS4 area from all development that disturbs one (1) acre or more of land. As part of this program, an ordinance or other regulatory mechanism must be created or modified, and a written operational and maintenance plan for all structural storm water Best Management Practices (BMPs) must be developed and implemented. This program, associated legal authorities and plan must be implemented within seven hundred thirty (730) days of the Notice of Intent (NOI) letter submittal date.

► The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040 _____.

"I certify, under penalty of law, that this program and all required documents and materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Authorized Signature[1]: _____ **Date:** _____
(mm/dd/year)

Title[2]: _____
(typed or printed)

[1]The "authorized signature" required above must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual.
[2]The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).

RULE 13 –
Certification of the Informational Program for the Public Education and Outreach MCM

State Form 51279 (R2 / 11-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetwthr/storm/rule13.html

NOTE:

- This form must be used to comply with section 12(b) of 327 IAC 15-13.
- The storm water quality Public Education and Outreach program must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.
- Submit this completed form when the education program has been developed and implemented.
- Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

CERTIFICATION AND SIGNATURE

The State of Indiana requires _____(MS4 Operator) to develop and implement an informational program with educational materials for informing constituents about the impacts of polluted storm water run-off on water quality, and ways they can minimize their impact on storm water quality. This program must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.

The "authorized signature" required below must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual. The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).

► The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040_____.

"I certify, under penalty of law, that this program and all required materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Authorized Signature: _____ **Date:** _____
(mm/dd/year)

Title: _____
(typed or printed)

RULE 13 –
Certification of the Plan To Detect, Address, and Eliminate Illicit Discharges for the Illicit Detection and Elimination MCM

State Form 51271 (R2 / 11-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetwthr/storm/rule13.html

NOTE:

- This form must be used to comply with section 14(g) of 327 IAC 15-13.
- The implementation plan for this MCM must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.
- Submit this completed form when the plan has been developed and implemented.
- Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

CERTIFICATION AND SIGNATURE

The State of Indiana requires _____(MS4 Operator) to develop and implement a plan to detect and eliminate illicit discharges, including illegal dumping, into the MS4. As part of this plan, outfall systems within the regulated MS4 area must be mapped throughout the five-year permit term. The plan must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.

► The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040_____.

"I certify, under penalty of law, that this plan and all required materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Authorized Signature[1]: _____ **Date:** _____
(mm/dd/year)

Title[2]: _____
(typed or printed)

[1]The "authorized signature" required above must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual.
[2]The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).

RULE 13 –
Certification of the Public Participation And Involvement Program for The Public Participation And Involvement MCM

State Form 51273 (R2 / 11-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetwthr/storm/rule13.html

NOTE:

- This form must be used to comply with section 13(b) of 327 IAC 15-13.
- The public participation and involvement program must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.
- Submit this completed form when the program has been developed and implemented.
- Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

CERTIFICATION AND SIGNATURE

The State of Indiana requires _____(MS4 Operator) to develop and implement a public participation and involvement program to allow opportunities for constituents to participate in the storm water management program development and implementation. This program must be implemented within three hundred sixty-five (365) days of the Notice of Intent (NOI) letter submittal date.

► The following statement, required by the State of Indiana, and the accompanying signature serve as the required certification that the program has been developed and implemented per the requirements of 327 IAC 15-13 and authorized under NPDES permit number INR040_____.

"I certify, under penalty of law, that this program and all required materials were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Authorized Signature[1]: _____ **Date:** _____
(mm/dd/year)

Title[2]: _____
(typed or printed)

[1]The "authorized signature" required above must be either that of the MS4 operator, or, if another entity is responsible for this MCM, the responsible individual.
[2]The "title" must either be "MS4 operator", or, if a responsible individual signs, the title of that individual and associated MS4 entity represented (for example, mayor of the City of Indianapolis).

RULE 13 –
Monthly Summary Report of Construction Projects

State Form 51276 (R3 / 11-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetwthr/storm/rule13.html

NOTE:

- Starting one (1) year after the submittal of the Notice of Intent (NOI) letter and once the regulated MS4 entity has a sufficient construction site storm water run-off control program, this completed form must be submitted each month pursuant to 327 IAC 15-13-18(b).
- This completed form must be submitted by the last day of the following month.
- If no projects occur within a given month, this form does not need to be submitted.
- This exact form does not need to be used if the information is conveyed using a form of another format containing the same type of information - providing the form is preapproved by, and provided to, IDEM.
- Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

Reporting Month/Year:

(check one in each column)

X	Month	X	Year
☐	January	☐	2005
☐	February	☐	2006
☐	March	☐	2007
☐	April	☐	2008
☐	May	☐	2009
☐	June	☐	2010
☐	July	☐	2011
☐	August	☐	2012
☐	September	☐	2013
☐	October	☐	2014
☐	November	☐	2015
☐	December	☐	2016

MONTHLY SUMMARY REPORT OF CONSTRUCTION PROJECTS

	Project Name	Project Address	Project Duration	Permit Status	Enforcement Actions
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

MS4 Entity: _____ **NPDES Permit #:** INR040 _____
(typed or printed)

Responsible Individual*: _____ **Date:** _____
(typed or printed) *(mm/dd/year)*

*Example: the individual can be the MS4 Operator, or a responsible individual for a regulated MS4 entity.

Instruction Sheet for Completing the Monthly Summary Report of Construction Projects

Project Name

Project name refers to the proposed name of the development, as it is stated in the documentation provided by the developer or other person responsible for the construction project. If a project name is changed, the original and replacement name(s) should be indicated and provided.

Project Address

Project address refers to the physical address and location of the proposed construction project site. The address must include the section, township, and range for the site, and, if known, the street address.

Permit Duration

Permit duration refers to the proposed construction project duration. The duration will likely be an estimate, based on projected start and end dates. While exact start and end dates will change, due to weather, approvals, and other factors, the approximated duration will provide some idea of the project length. The duration could be expressed in whole yearly increments (for example, one, two, five, ten years), and should reflect the timetable known at the time of application or NOI letter submittal. The duration estimate will provide a general idea of when Notices of Termination should be issued.

Permit Status

Permit status refers to the key points in the permitting process that have occurred since the application or Notice of Intent (NOI) letter submittal for a construction project permit. At a minimum, the key points, as they occur within a given month, should identify and reference: (1) application or NOI letter reviewed; (2) construction plan reviewed; and (3) Notice of Termination issued.

Enforcement Actions

Enforcement actions refer to actions taken as a result of noncompliance with the construction site run-off control program requirements. Unless the environmental damage of noncompliance is severe, the state enforcement process is usually progressive, meaning that sufficient noncompliance warnings are given prior to notices involving financial or work-stoppage penalties. At a minimum, the actions should identify and reference the issuance of: (1) warning letters of noncompliance; (2) violation notices; (3) penalties assessed; and (4) work-stoppage orders.

RULE 13 STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) - PART A: INITIAL APPLICATION CERTIFICATION SUBMITTAL AND CHECKLIST

State Form 51277 (R2 / 11-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetwthr/storm/rule13.html

NOTE:

- This form must be used for compliance with a general NPDES permit pursuant to 327 IAC 15-13.
- This completed form must be submitted with a complete NOI letter.
- Return this form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

PART A: STORM WATER QUALITY MANAGEMENT PLAN CHECKLIST

► **Please check the appropriate box when the requirements for each numbered item have been met.**

X	NA	ITEM
☐		1. On page 2 of this form (TABLE 1: RESPONSIBLE ENTITY), provide a listing of entities that are covered under the attached NOI letter submittal. Duplicate the table if more entries are necessary and attach to this form.
☐		2. On page 3 of this form (TABLE 2: SCHEDULE OF ACTIVITIES), provide an itemized schedule of activities related to SWQMP implementation, with a corresponding milestone date. Duplicate the table if more entries are necessary and attach to this form.
☐		3. At a minimum, the schedule complies with the compliance schedule found in 327 IAC 15-13-11.
☐	☐	4. On page 4 of this form (TABLE 3: PROPOSED BUDGET), provide an actual or estimated, proposed, itemized budget for the storm water program. Duplicate the table if more entity entries are necessary and attach to this form.
☐	☐	5. For NOI letter submittals covering multiple entities, the budget allocation is separated by each entity covered under this NOI letter submittal.
☐	☐	6. The budget identifies funding sources.
☐		7. The "SWQMP – Part A: Initial Application" was submitted within 90 days of Rule 13's effective date or within 180 days of becoming aware of changed entity designation conditions.
☐		8. The "SWQMP – Part A: Initial Application" has been certified by a Qualified Professional and the MS4 Operator.

PART B: CERTIFICATION AND SIGNATURE

► The Qualified Professional and MS4 Operator (referenced in PART A, Item #8 of this form) must sign the following certification statement and provide the pertinent NPDES permit number:

"By signing this form, I hereby certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name of Qualified Professional: _____ **NPDES Permit #:** **INR040** _____
(typed or printed)

Signature of Qualified Professional: _____ **Date:** _____
(mm/dd/year)

Name of MS4 Operator: _____
(typed or printed)

Signature of MS4 Operator: _____ **Date:** _____
(mm/dd/year)

TABLE 1: RESPONSIBLE ENTITY							
	Represented Entity Name	**Entity Representative Name**	**Entity Representative Title**	**Mailing Address**	**Phone Number:**	**Facsimile Number** (if applicable)	**E-mail Address** (if applicable)
1.				Street address: ☐City ☐Town ☐Village **Of:** Zip: County:			
2.				Street address: ☐City ☐Town ☐Village **Of:** Zip: County:			
3.				Street address: ☐City ☐Town ☐Village **Of:** Zip: County:			
4.				Street address: ☐City ☐Town ☐Village **Of:** Zip: County:			
5.				Street address: ☐City ☐Town ☐Village **Of:** Zip: County:			
6.				Street address: ☐City ☐Town ☐Village **Of:** Zip: County:			
7.				Street address: ☐City ☐Town ☐Village **Of:** Zip: County:			

TABLE 2: SCHEDULE OF ACTIVITIES		
	Milestone Date	**Activity Name**
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

TABLE 3: PROPOSED BUDGET		
➪ ENTITY:		
	Control Measure/Item	**Proposed Budget**
1.	Public Education and Outreach	
2.	Public Participation/Involvement	
3.	Illicit Discharge Detection and Elimination	
4.	Construction Site Run-Off Control	
5.	Postconstruction Run-Off Control	
6.	Municipal Operations Pollution Prevention and Good Housekeeping	
7.	On-Going Water Quality Characterization	
8.	Other	
9.	Funding Source(s)	

RULE 13 STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) - PART B: BASELINE CHARACTERIZATION AND REPORT CERTIFICATION CHECKLIST

State Form 51275 (R2 / 11-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetwthr/storm/rule13.html

NOTE:

- This form must be used for compliance with a general NPDES permit pursuant to 327 IAC 15-13.
- Submit this completed form with a complete "SWQMP – Part B: Baseline Characterization and Report" in accordance with 327 IAC 15-13-7.
- Return this form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

PART A: SWQMP CHECKLIST

► **Please check the appropriate box when the requirements for each numbered item have been met, or check "NA" if an item is not applicable. For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.**

X	NA	ITEM
☐		1. Plan submitted within one hundred eighty (180) days of the NOI letter submittal or the expiration date of the previous 5-year permit term
		2. Baseline characterization includes:
☐		a) An investigation of land usage within the MS4 area
☐		b) The identification and assessment of structural and nonstructural storm water BMP locations
☐		c) The identification of known sensitive water areas
☐		d) A review of known existing and available monitoring data of the MS4 area receiving waters
☐		e) The identification of areas having a reasonable potential for, or actually causing, storm water quality problems
☐	☐	f) Other (please specify):
		3. Characterization report includes:
☐		a) Conclusions, such as key observations or monitoring points in the MS4 conveyances, derived from the land usage investigation
☐		b) Characterization results of BMP locations and, as appropriate, the structural condition of the BMP, related to the BMP's potential or actual effectiveness in improving storm water quality
☐	☐	c) The characterization includes recommendations for placement and implementation of additional BMPs
☐		d) Identification of areas, such as public beaches or surface drinking water sources, that potentially or actually require added water quality protection considerations
☐	☐	e) Any correlative conclusions that can be drawn from a review of existing monitoring data that assists the MS4 Operator in identifying potential or actual storm water quality problem areas
☐	☐	f) The identification of areas or sources potentially or actually causing storm water quality problems
☐	☐	g) Other (please specify):
☐		4. SWQMP - Part B: Baseline Characterization and Report has been signed by a Qualified Professional and the MS4 Operator

PART B: CERTIFICATION AND SIGNATURE

The Qualified Professional and the MS4 Operator (referenced in Part A, Item #4 of this form) must sign the following certification statement and provide the pertinent NPDES permit number:

"By signing this checklist, I hereby certify under penalty of law that this protocol was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name of Qualified Professional: _____ **NPDES Permit #:** **INR040** _____
(typed or printed)

Signature of Qualified Professional: _____ **Date:** _____
(mm/dd/year)

Name of MS4 Operator: _____
(typed or printed)

Signature of MS4 Operator: _____ **Date:** _____
(mm/dd/year)

RULE 13 STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) - PART B: BASELINE CHARACTERIZATION AND REPORT CERTIFICATION CHECKLIST

State Form 51275 (R2 / 11-03)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetwtr/storm/rule13.html

NOTE:

- This form must be used for compliance with a general NPDES permit pursuant to 327 IAC 15-13.
- Submit this completed form with a complete "SWQMP – Part B: Baseline Characterization and Report" in accordance with 327 IAC 15-13-7.
- Return this form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

PART A: SWQMP CHECKLIST

► Please check the appropriate box when the requirements for each numbered item have been met, or check "NA" if an item is not applicable. For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.

X	NA	ITEM
☐		1. Plan submitted within one hundred eighty (180) days of the NOI letter submittal or the expiration date of the previous 5-year permit term
		2. Baseline characterization includes:
☐		a) An investigation of land usage within the MS4 area
☐		b) The identification and assessment of structural and nonstructural storm water BMP locations
☐		c) The identification of known sensitive water areas
☐		d) A review of known existing and available monitoring data of the MS4 area receiving waters
☐		e) The identification of areas having a reasonable potential for, or actually causing, storm water quality problems
☐	☐	f) Other (please specify):
		3. Characterization report includes:
☐		a) Conclusions, such as key observations or monitoring points in the MS4 conveyances, derived from the land usage investigation
☐		b) Characterization results of BMP locations and, as appropriate, the structural condition of the BMP, related to the BMP's potential or actual effectiveness in improving storm water quality
☐	☐	c) The characterization includes recommendations for placement and implementation of additional BMPs
☐		d) Identification of areas, such as public beaches or surface drinking water sources, that potentially or actually require added water quality protection considerations
☐	☐	e) Any correlative conclusions that can be drawn from a review of existing monitoring data that assists the MS4 Operator in identifying potential or actual storm water quality problem areas
☐	☐	f) The identification of areas or sources potentially or actually causing storm water quality problems
☐	☐	g) Other (please specify):
☐		4. SWQMP - Part B: Baseline Characterization and Report has been signed by a Qualified Professional and the MS4 Operator

PART B: CERTIFICATION AND SIGNATURE

The Qualified Professional and the MS4 Operator (referenced in Part A, Item #4 of this form) must sign the following certification statement and provide the pertinent NPDES permit number:

"By signing this checklist, I hereby certify under penalty of law that this protocol was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name of Qualified Professional: _____ **NPDES Permit #:** **INR040** _____
(typed or printed)

Signature of Qualified Professional: _____ **Date:** _____
(mm/dd/year)

Name of MS4 Operator: _____
(typed or printed)

Signature of MS4 Operator: _____ **Date:** _____
(mm/dd/year)

RULE 13 STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) – PART C: PROGRAM IMPLEMENTATION CERTIFICATION CHECKLIST

State Form 51280 (R3 / 4-04)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:
IDEM – Rule 13 Coordinator
100 North Senate Avenue, Rm 1255
P.O. Box 6015
Indianapolis, IN 46206-6015
Phone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access:
http://www.in.gov/idem/water/npdes/permits/wetwthr/storm/rule13.html

NOTE:

- This form must be used for compliance with a general NPDES permit pursuant to 327 IAC 15-13.
- Submit this completed form with a complete "SWQMP – Part C: Program Implementation" in accordance with 327 IAC 15-13-8.
- Return this completed and signed form, and any required addenda by mail to the IDEM Rule 13 Coordinator at the address listed in the box on the upper-right.

PART A: SWQMP CERTIFICATION CHECKLIST

► **Please check the appropriate box when the requirements for each numbered item have been met, or check "NA" if an item is not applicable. For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.**

X	NA	ITEM
☐		1. SWQMP – Part C: Program Implementation submitted within 1 year from the submission of the NOI letter or the expiration date of the previous 5-year permit term.
☐	☐	2. Approved TMDL established for any MS4 discharge receiving water.
☐	☐	* If yes, the SWQMP – Part C includes appropriate modifications to meet the TMDL
☐		3. SWQMP – Part C identifies that the required ordinances or similar regulatory mechanisms will be developed, revised, modified, and/or implemented within two (2) years from the submission of the NOI letter.
		4. The SWQMP – Part C contains:
☐		a) An initial evaluation of the storm water program for the MS4 area
☐		* The initial evaluation includes all known structural and nonstructural storm water BMPs
☐		b) A detailed program description for each MCM
☐		c) A timetable for program implementation milestones and SWQMP-Part B conclusions
☐	☐	d) A schedule for on-going receiving water characterization to evaluate BMP effectiveness and receiving water quality
☐		e) A narrative and mapped description of the MS4 area boundaries
☐		*The boundary description includes the specific section(s), or, as appropriate, street name(s)
☐		f) An estimate of the linear feet of MS4, segregated by conveyance type
☐		g) A narrative summary of allowed structural BMP types in new development and redevelopment
☐		h) A summary on structural BMP selection criteria and performance standards
☐		i) A narrative summary of the current and projected storm water budget
☐		j) A narrative summary of measurable goals for each MCM
☐		* Measurable goals relate to an environmental benefit
☐	☐	k) Appropriate, completed state-issued certification forms (only required for the initial 5-year permit term)
☐	☐	i) Public education and outreach MCM
☐	☐	ii) Public participation and involvement MCM
☐	☐	iii) Illicit discharge detection and elimination MCM
☐	☐	iv) Construction site storm water run-off control MCM
☐	☐	v) Postconstruction storm water run-off control MCM (not required until end of second year of permit coverage)
☐	☐	vi) Pollution prevention and good housekeeping for operations MCM
☐		l) A listing of programmatic indicators for each MCM. These indicators include:
☐		i) Number or percentage of citizens that have an awareness of storm water quality issues
☐		ii) Number and description of meetings, training sessions, and events conducted to involve citizens
☐		iii) Number or percentage of citizens that participate in storm water quality improvement projects
☐	☐	iv) Number and location of storm drains marked or cast
☐		v) Estimated or actual linear feet or percentage of MS4 conveyances mapped
☐		vi) Number and location of MS4 area outfalls mapped
☐		vii) Number and location of MS4 area outfalls screened for illicit discharges
☐		viii) Number and location of illicit discharges detected
☐	☐	ix) Number and location of illicit discharges eliminated
☐	☐	x) Number of, and estimated amount of material collected from, HHW collections
☐	☐	xi) Number and location of citizen drop-off centers for automotive fluids

PART A: SWQMP CERTIFICATION CHECKLIST

► Please check the appropriate box when the requirements for each numbered item have been met, or check "NA" if an item is not applicable. For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.

X	NA	ITEM	
☐	☐	xii)	Number or percentage of citizens that participate in HHW collections
☐	☐	xiii)	Number of construction sites permitted for storm water quality
☐	☐	xiv)	Number of construction sites inspected
☐	☐	xv)	Number and type of enforcement actions taken against construction site operators
☐	☐	xvi)	Number of public informational requests received related to construction sites
☐	☐	xvii)	Number, type, and location of structural BMPs installed
☐	☐	xviii)	Number, type, and location of structural BMPs inspected
☐	☐	xix)	Number, type, and location of structural BMPs maintained, or improved, to function properly
☐		xx)	Type and location of nonstructural BMPs utilized
☐	☐	xxi)	Estimated acreage or square footage of open space preserved and mapped
☐	☐	xxii)	Estimated acreage or square footage of mapped pervious and impervious surfaces
☐	☐	xxiii)	Number and location of retail gasoline outlets or municipal, state, federal, or institutional refueling areas with installed BMPs
☐	☐	xxiv)	Number and location of entity facilities that have containment for accidental releases
☐	☐	xxv)	Estimated acreage or square footage and location where pesticides and fertilizers are applied by the regulated MS4 entity
☐	☐	xxvi)	Estimated linear feet or percentage and location of unvegetated swales and ditches that have an appropriately-sized vegetated filter strip
☐	☐	xxvii)	Estimated linear feet or percentage and location of MS4 conveyances cleaned or repaired
☐	☐	xxviii)	Estimated linear feet or percentage and location of roadside shoulders and ditches stabilized
☐	☐	xxix)	Number and location of storm water outfall areas remediated from scouring conditions
☐	☐	xxx)	Number and location of de-icing salt and sand storage areas covered or otherwise improved to minimize storm water exposure
☐	☐	xxxi)	Estimated amount, in tons, of salt and sand used for snow and ice control
☐	☐	xxxii)	Estimated amount of material by weight collected from catch basin, trash rack, or other structural BMP cleaning
☐	☐	xxxiii)	Estimated amount of material by weight collected from street sweeping
☐	☐	xxxiv)	Number or percentage and location of canine parks sited at least 150 feet away from a surface water body
☐	☐	xxxv)	Other
☐		**5.**	SWQMP – Part C identifies, as a minimum, the following compliance schedule for implementation from the submission day of the NOI letter:
☐		a)	"SWQMP – Part B: Baseline Characterization and Report" submitted within 180 days
☐		b)	Public education and outreach program developed and implemented within 1 year
☐		c)	Public involvement and participation program developed and implemented within 1 year
☐		d)	Illicit discharge plan and ordinance developed and program implemented and all major outfall conveyances mapped within 1 year
☐		e)	25% of storm water outfall conveyance systems mapped each year after 1 year
☐		f)	All known storm water outfalls with a diameter greater than 12 inches and open ditches mapped within 5 years
☐		g)	Construction site plan and ordinance developed and program implemented within 1 year
☐		h)	O&M plan developed and program implemented within 2 years
☐		i)	Postconstruction plan and ordinance developed and program implemented within 2 years
☐		j)	Operations pollution prevention program developed and implemented within 1 year
		6.	For the Public Education and Outreach MCM:
☐		a)	Plan identifies and schedules implementation of an informational program for constituents
☐		b)	Plan identifies initial assessment of constituents
☐		c)	Plan identifies specific target outreach or reduction goal percentages and timetables
☐	☐	d)	For CSS communities, the current LTCP has been reviewed for ensuring that there is consistency with this MCM
		7.	For the Public Participation/Involvement MCM:
☐		a)	Plan identifies and schedules implementation of a public participation program
☐		b)	Plan identifies initial assessment of constituents
☐		c)	Plan identifies specific public involvement and reduction goal percentages and timetables
☐	☐	d)	For CSS communities, the current LTCP has been reviewed for ensuring that there is consistency with this MCM
		8.	For the Illicit Discharge Detection and Elimination MCM:
☐		a)	Plan schedules development of a storm sewer system map

PART A: SWQMP CERTIFICATION CHECKLIST

► Please check the appropriate box when the requirements for each numbered item have been met, or check "NA" if an item is not applicable. For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.

X	NA	ITEM
☐		b) Plan schedules development and implementation of an ordinance or other regulatory mechanism that prohibits illicit discharges into the storm sewer system
☐		c) Plan identifies and schedules implementation of a plan to detect, address, and eliminate illicit discharges, including illegal dumping, into the storm sewer system
☐		i) This plan requires that problem areas be located via dry weather screening or other means
☐		ii) This plan requires that the source of the problem be located, the illicit connection be removed or corrected, and the actions taken be documented
☐		iii) This plan identifies all known active industrial facilities that discharge into a regulated MS4 conveyance
☐		d) Plan identifies and schedules implementation of an education program for public employees, businesses, and the general public about the hazards associated with illicit discharges and improper disposal of waste
☐		e) Plan establishes a recycling program for commonly dumped wastes
☐		f) Plan identifies specific outreach and reduction goal percentages and timetables
☐	☐	g) For CSS communities, the current CSOOP and LTCP have been reviewed for ensuring that there is consistency with this MCM
		9. For the Construction Site Storm Water Run-off Control MCM:
☐		a) Plan schedules development and implementation of an ordinance or other regulatory mechanism that controls polluted run-off from construction sites with a land disturbance of greater than or equal to one (1) acre
☐	☐	b) Plan established written agreement or process to allow local SWCD input
☐		c) Plan identifies and schedules implementation of a requirement to use appropriate BMPs on construction sites to control sediment and erosion and other waste at a site
☐		d) Plan identifies and schedules implementation of procedures for plan review, site inspection (including prioritization of sites) and enforcement of control measures to deter infractions
☐		e) Plan identifies procedures for plan review of projects operated by the MS4 operator
☐		f) Plan requires annual training for MS4 personnel responsible for implementing this MCM
☐		g) Plan identifies and schedules implementation of procedures for receipt and consideration of public inquiries, concerns, and information submitted regarding local construction activities
☐		h) Plan identifies specific outreach, compliance, and implementation goals and timetables
		10. For the Postconstruction Storm Water Run-off Control MCM:
☐		a) Plan schedules development and implementation of an ordinance or other regulatory mechanism that requires the implementation of planning procedures to promote improved water quality
☐		i) Plan procedures include the postconstruction requirements of 327 IAC 15-5-6.5(a)(8)
☐	☐	ii) Where appropriate, procedures include buffer strip and riparian zone preservation
☐	☐	iii) Where appropriate, procedures include filter strip creation
☐	☐	iv) Where appropriate, procedures include minimization of land disturbance and surface imperviousness
☐	☐	v) Where appropriate, procedures include maximization of open space
☐	☐	vi) Where appropriate, procedures include directing community physical growth away from sensitive areas and towards areas that can support it without compromising water quality
☐		b) Plan identifies the use of any storage, infiltration, filtering, and/or vegetative practice to reduce the impact of pollutants on storm water run-off to meet narrative water quality standards on receiving waters
☐		i) Plan prohibits using infiltration practices in well head protection areas
☐		ii) As site conditions allow, plan requires an appropriately-sized vegetated filter strip width along unvegetated swales/ditches
☐		iii) Plan prohibits discharges directly to sinkholes or fractured bedrock, without appropriate treatment to meet Indiana ground water quality standards
☐		iv) Plan requires any discharge from a storm water practice that is a Class V injection well to meet Indiana ground water quality standards
☐		v) Plan requires installation of appropriate BMPs to reduce metals and hydrocarbons at new retail gasoline outlets or municipal/institutional refueling areas
☐		vi) As site conditions allow, plan regulates the rate of storm water flow through the MS4 conveyances
☐		vii) Plan requires annual training for MS4 personnel responsible for implementing this MCM
☐		viii) Plan identifies and schedules implementation of a written O&M plan for structural BMPs.
☐		c) Plan identifies specific goals for reduction percentages and timetables
		11. For the Municipal Operations Pollution Prevention and Good Housekeeping MCM:
☐		a) Plan identifies and schedules implementation of a written program to ensure that existing municipal, State or Federal operations are performed in ways that will minimize contamination of storm water discharges
☐		i) Program addresses written documentation of maintenance activities, maintenance schedules, and long-term inspection procedures for BMPs to reduce floatables and other pollutants discharged from the storm sewer system
☐		ii) Program addresses controls for reducing or eliminating the discharge of pollutants from operational areas, including roads, parking lots, maintenance and storage yards, and waste transfer stations
☐	☐	iii) Program requires a minimum distance of 150 feet for canine parks to be sited away from a surface water body
☐		iv) Program addresses written procedures for the proper disposal of waste removed from MS4 conveyances and operational areas
☐		v) Program addresses written documentation to ensure that new flood management projects assess their impacts on water quality and examine existing projects for incorporation of additional water quality protection devices or practices
☐		vi) Program addresses documentation for MS4 area personnel to attend annual training regarding this MCM
☐		b) Plan identifies specific reduction goal percentages and timetables

PART A: SWQMP CERTIFICATION CHECKLIST

► **Please check the appropriate box when the requirements for each numbered item have been met, or check "NA" if an item is not applicable. For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.**

X	NA	ITEM
☐	☐	c) For CSS communities, the current CSOOP and LTCP have been reviewed for ensuring that there is consistency with this MCM
☐		**12.** "SWQMP – Part C: Program Implementation" has been certified by a Qualified Professional and the MS4 Operator.

PART B: CERTIFICATION AND SIGNATURE

► The Qualified Professional and MS4 Operator (referenced in Part A, Item #12 of this form) must sign the following certification statement: and provide the pertinent NPDES permit number:

"By signing this checklist, I hereby certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name of Qualified Professional: _____ **NPDES Permit #:** **INR040** _____
(typed or printed)

Signature of Qualified Professional: _____ **Date:** _____
(mm/dd/year)

Name of MS4 Operator: _____
(typed or printed)

Signature of MS4 Operator: _____ **Date:** _____
(mm/dd/year)

Appendices **Page**